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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte  
Commissioner of Patents

Sylvain Laporte  
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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## Notices

## Avis

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

### 1. Dates et chiffres de code figurant à l'entête des brevets

#### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
  
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction ( Redélivrance, Réexamen )
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: ([www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/standards/standards.htm)).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting ([www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder)) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: ([www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm)).

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web ([www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande)) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 6. Licensing of Patents

### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 7. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,753,374

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,753,374

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1394*
For each additional sheet over 30	\$16
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1394 \$*
Pour chaque feuille au delà de 30	16 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

## Notices

### 4. Late payment fee

50% of the fees that are due, or,  
Minimum: Transmittal fee  
Maximum: 50% of the international filing fee

### 4. Taxe pour paiement tardif

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : 50% de la taxe de dépôt international

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$210

6. Preliminary examination fee (Rule 58) \$800

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 210 \$

6. Taxe d'examen préliminaire (Règle 58) 800 \$

\* International fees will be reduced by:

- \$105 for all applications filed using PCT-EASY,
- \$210 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$314 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

\* Les frais seront réduits de:

- 105 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 210 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 314 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section  
Post Office Box 18  
1211 Geneva 20 Switzerland  
Telephone (011 41 22) 338-9618  
Facsimile (011 41 22) 740-1812

or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information  
Boîte postale 18  
1211 Genève 20 Suisse  
Téléphone (011 41 22) 338-9618  
Télécopieur (011 41 22) 740-1812

ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).



### 13. Practice Notice

#### STATUTORY HOLIDAYS (*DIES NON*)

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

#### **Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts***

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Québec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Québec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

#### **Time limits under the *Patent and Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

**Nota :** *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

#### **Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés**

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

#### **Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce***

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Notices

### Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;  
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;  
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or  
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

### Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;  
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;  
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou  
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

## Avis

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
  - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
  - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
  - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
  - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
  - 6) **Quebec:** June 24 (St. John the Baptist Day)
  - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
  - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
  - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
  - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
  - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
  - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
  - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
  - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
  - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

\*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

\*St. John the Baptist Day (June 24)

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

## 14. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

\*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

\*Saint-Jean-Baptiste (le 24 juin)

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## 14. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

## Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d’agir en tant qu’agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l’article 15 de la *Loi sur les brevets* prévoit qu’un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l’article 2 des *Règles sur les brevets*, « agent de brevets » s’entend de toute personne ou maison d’affaires dont le nom est inscrit au registre des agents de brevets aux termes de l’article 15. L’alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l’article 33 de l’annexe II, le nom de **toute maison d’affaires dont le nom d’au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d’enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l’article 19 de l’annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d’au moins un membre est inscrit sur la liste à titre d’agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu’agents auprès des Bureaux, à condition que l’un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu’elles ont le droit d’agir en tant qu’agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

## Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office  
Place du Portage I  
50 Victoria Street, Room C-114  
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

## 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, pièce C-114  
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268
2. Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada  
Édifce C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268
2. Industrie Canada  
5, Place Ville-Marie, pièce 700  
Montréal (Québec) H3B 2G2  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

## Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### 3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

### 2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

## Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or  
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### *Patents*

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou  
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

### *Brevets*

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).



## Avis

### Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

### Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

### Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

## Notices

### Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#);
- [Request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#);
- and
- [general correspondence relating to copyrights](#).

### Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

### Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

### 3.3 Electronic Medium

#### Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

### Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

### Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

### Topographies de circuits intégrés

Topographies de circuits intégrés  
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

### 3.3 Supports électroniques

#### Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

### Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

### Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

### Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

### Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

## Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

#### 4. Details concerning the electronic formats accepted

##### *Patents*

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

#### 4. Précisions concernant les formats électroniques acceptés

##### *Brevets*

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

## Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

### PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

### ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

## **Industrial Design**

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

### Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

### Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

## **Dessins industriels**

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

## Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

### 5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 8, 2013 contains applications open to public inspection from September 22, 2013 to September 28, 2013.

### 17. 2014 Patent Agent Examination

Under the provisions of subsection 14(2) of the *Patent Rules*, notice is hereby given that the 2014 examination will be held on **April 8, 9, 10, and 11, 2014**. A person who proposes to sit for the examination must notify the Commissioner of Patents in writing, file an affidavit or statutory declaration referred to in subsection 12(2) of the *Patent Rules* and pay the prescribed fee (\$200 per paper). The deadline to apply, submit the affidavit or statutory declaration and pay the fee is **November 29, 2013**. When applying, it is essential to indicate which paper(s) will be written.

Please note that we accept applications sent by either fax or mail. We will not accept applications received by email.

For more information, please contact:

[CIPOAgentExams@ic.gc.ca](mailto:CIPOAgentExams@ic.gc.ca).

### 18. Erratum

The information concerning application number 2.768,179 referred to under the section "PCT Applications Entering the National Phase" of the *Canadian Patent Office Record* of March 20, 2012, was incorrect. Please note that no application was open to public inspection under this number.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

### 5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 8 octobre 2013 contient les demandes disponibles au public pour consultation pour la période du 22 septembre 2013 au 28 septembre 2013.

### 17. Examen d'agents de brevets 2014

Selon les dispositions du paragraphe 14(2) des *Règles sur les brevets*, avis est par la présente donné que l'examen de 2014 aura lieu les **8, 9, 10 et 11 avril 2014**. Une personne désireuse de subir l'examen doit en aviser le commissaire aux brevets par écrit, remettre un affidavit ou une déclaration solennelle visé au paragraphe 12(2) des *Règles sur les brevets* et verser la taxe prévue (200 \$ par épreuve). La date limite pour présenter sa demande, remettre l'affidavit ou la déclaration solennelle et verser la taxe est le **29 novembre 2013**. Lorsqu'on présente sa demande, il faut indiquer quelle(s) épreuve(s) on écrira.

Veillez prendre note que nous acceptons seulement les demandes envoyées par fax ou par la poste. Nous n'acceptons pas les demandes par courriel.

Pour de plus amples renseignements, veuillez communiquer avec

[CIPOAgentExams@ic.gc.ca](mailto:CIPOAgentExams@ic.gc.ca).

### 18. Erratum

Les renseignements ayant trait au numéro 2.768,179 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la *Gazette du Bureau des brevets* du 20 mars 2012, étaient erronés. Veuillez noter que le numéro n'a été mise à la disponibilité du public sous ce numéro.

2,768,179

2,768,179

# Canadian Patents Issued

October 8, 2013

## Brevets canadiens délivrés

8 octobre 2013

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[11] **2,238,893**  
[13] C

[51] **Int.Cl. C12N 15/24 (2006.01) A61K 31/70 (2006.01) A61K 38/20 (2006.01) C07H 21/00 (2006.01) C07K 1/22 (2006.01) C07K 14/715 (2006.01) C07K 16/28 (2006.01) C12Q 1/68 (2006.01) G01N 33/566 (2006.01) A61K 38/00 (2006.01)**

[25] FR

[54] **IL-13 RECEPTOR POLYPEPTIDE**

[54] **POLYPEPTIDE RECEPTEUR DE L'IL-13**

[72] CAPUT, DANIEL, FR

[72] FERRARA, PASCUAL, FR

[72] LAURENT, PATRICK, FR

[72] VITA, NATALIO, FR

[73] SANOFI-AVENTIS, FR

[85] 1998-05-26

[86] 1996-11-07 (PCT/FR1996/001756)

[87] (WO1997/020926)

[30] FR (95/14424) 1995-12-06

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[11] **2,349,839**  
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/70 (2006.01) C12N 15/81 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **UCP5**

[54] **UCP5**

[72] ADAMS, SEAN, US

[72] PAN, JAMES, US

[73] GENENTECH, INC., US

[85] 2001-05-09

[86] 1999-11-03 (PCT/US1999/025947)

[87] (WO2000/032624)

[30] US (60/110,286) 1998-11-30

[30] US (60/129,583) 1999-04-16

[30] US (60/143,886) 1999-07-15

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[11] **2,353,238**  
[13] C

[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 17/30 (2006.01)**

[25] EN

[54] **COMPONENT MANAGEMENT SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE GESTION DE COMPOSANTS**

[72] ENDO, KOICHI, JP

[72] YANAGIMOTO, TAKASHI, JP

[72] TAKAHASHI, SUSUMU, JP

[73] RICOH COMPANY LTD., JP

[86] (2353238)

[87] (2353238)

[22] 2001-07-19

[30] JP (2000-221549) 2000-07-21

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[11] **2,353,867**  
[13] C

[51] **Int.Cl. C07C 49/12 (2006.01) A61K 31/11 (2006.01) A61K 31/12 (2006.01) A61K 31/121 (2006.01) A61P 35/00 (2006.01) C07C 47/02 (2006.01) C12N 9/10 (2006.01) C12N 9/99 (2006.01) C12Q 1/48 (2006.01)**

[25] EN

[54] **ANTICANCER AGENTS BASED ON PREVENTION OF PROTEIN PRENYLATION**

[54] **AGENTS ANTICANCEREUX REPOSANT SUR LA PREVENTION DE LA PRENYLATION DE PROTEINES**

[72] ROSE, SETH D., US

[72] OTTERSBERG, STEVEN R., US

[72] OKOLOTOWICZ, KARL J., US

[72] ROBINSON, DALE E., US

[72] HARTMAN, ROSEMARIE F., US

[72] LEFLER, SCOTT R., US

[73] THE ARIZONA DISEASE CONTROL RESEARCH COMMISSION, US

[85] 2001-06-11

[86] 1999-12-09 (PCT/US1999/029015)

[87] (WO2000/033826)

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[30] US (09/457,476) 1999-12-09

[30] US (60/111,478(CON)) 1998-12-09

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[11] **2,359,244**  
[13] C

[51] **Int.Cl. A61K 31/44 (2006.01) A61K 31/17 (2006.01) A61K 31/4035 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/5375 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **.OMEGA.-CARBOXY ARYL SUBSTITUTED DIPHENYL UREAS AS P38 KINASE INHIBITORS**

[54] **DIPHENYLE UREES A SUBSTITUTION .OMEGA.-CARBOXY ARYLE EN TANT QU'INHIBITEURS DE LA KINASE P38**

[72] RIEDL, BERND, DE

[72] DUMAS, JACQUES, US

[72] KHIRE, UDAY, US

[72] LOWINGER, TIMOTHY B., JP

[72] SCOTT, WILLIAM J., US

[72] SMITH, ROGER A., US

[72] WOOD, JILL E., US

[72] MONAHAN, MARY-KATHERINE, US

[72] NATERO, REINA, US

[72] RENICK, JOEL, US

[72] SIBLEY, ROBERT N., US

[73] BAYER HEALTHCARE LLC, US

[85] 2001-07-12

[86] 2000-01-13 (PCT/US2000/000768)

[87] (WO2000/041698)

[30] US (60/115,878) 1999-01-13

[30] US (09/257,265) 1999-02-25

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[11] **2,368,770**

[13] C

- [51] **Int.Cl. H04L 1/18 (2006.01)**  
[25] EN  
[54] **PACKET DISCARD NOTIFICATION FOR SEMI RELIABLE RETRANSMISSION PROTOCOL**  
[54] **NOTIFICATION DE REJET DE PAQUETS POUR PROTOCOLE DE RETRANSMISSION SEMI-FIABLE**  
[72] LUDWIG, REINER, DE  
[72] WAGER, STEFAN HENRIK ANDREAS, DE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-09-26  
[86] 2000-04-04 (PCT/SE2000/000647)  
[87] (WO2000/060799)  
[30] US (09/287,392) 1999-04-06

[11] **2,380,753**

[13] C

- [51] **Int.Cl. A61K 38/16 (2006.01) A61P 35/00 (2006.01) G01N 33/567 (2006.01)**  
[25] EN  
[54] **USE OF PROTEINASE INHIBITOR IN ORDER TO INHIBIT THE CLEAVAGE OF GROWTH FACTOR PRECURSOR**  
[54] **UTILISATION D'UN INHIBITEUR DE PROTEASE POUR INHIBER LE CLIVAGE D'UN PRECURSEUR DE FACTEUR DE CROISSANCE**  
[72] ULLRICH, AXEL, DE  
[72] PRENZEL, NORBERT, DE  
[72] DAUB, HENRIK, DE  
[72] ZWICK-WALLASCH, ESTHER, DE  
[73] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2002-02-08  
[86] 2000-08-16 (PCT/EP2000/008007)  
[87] (WO2001/012182)  
[30] EP (99116056.5) 1999-08-16  
[30] US (09/461,090) 1999-12-14

[11] **2,382,817**

[13] C

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[25] EN  
[54] **USE OF FIBRIN OR FIBRINOGEN FOR REDUCING LUNG TISSUE VOLUME**  
[54] **UTILISATION DE FIBRINE OU DE FIBRINOGENE POUR REDUIRE LA QUANTITE DE TISSU PULMONAIRE**  
[72] INGENITO, EDWARD P., US  
[73] AERIS THERAPEUTICS, LLC, US  
[85] 2002-02-25  
[86] 2000-08-23 (PCT/US2000/023134)  
[87] (WO2001/013908)  
[30] US (09/379,460) 1999-08-23

[11] **2,418,539**

[13] C

- [51] **Int.Cl. H04W 88/04 (2009.01)**  
[25] EN  
[54] **DATA PASSING METHOD AND APPARATUS FOR WIRELESS COMMUNICATION SYSTEM**  
[54] **METHODE DE TRANSFERT DE DONNEES ET APPAREIL POUR SYSTÈME DE COMMUNICATION SANS FIL**  
[72] NYLUND, BLAKE JAMES, US  
[73] HARRIS CANADA SYSTEMS, INC., CA  
[86] (2418539)  
[87] (2418539)  
[22] 2003-02-07  
[30] US (10/075,512) 2002-02-15

[11] **2,418,896**

[13] C

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[25] EN  
[54] **GYNECOLOGICAL ABLATION PROCEDURE AND SYSTEM USING AN ABLATION NEEDLE**  
[54] **PROCEDURE D'ABLATION GYNECOLOGIQUE ET SYSTEME FAISANT APPEL A UNE AIGUILLE D'ABLATION**  
[72] LEE, BRUCE B., US  
[73] LEE, BRUCE B., US  
[85] 2003-02-07  
[86] 2001-08-07 (PCT/US2001/024916)  
[87] (WO2002/011639)  
[30] US (60/224,191) 2000-08-09  
[30] US (09/920,425) 2001-07-31

[11] **2,430,686**

[13] C

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[25] EN  
[54] **WATER FLUSHING SYSTEM**  
[54] **SYSTEME DE RINCAGE**  
[72] TAYLOR, THOMAS M., US  
[72] GOSLIN, DAVID L., US  
[73] MUELLER INTERNATIONAL, LLC, US  
[86] (2430686)  
[87] (2430686)  
[22] 2003-05-30

[11] **2,437,999**

[13] C

- [51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**  
[25] EN  
[54] **EPI TOPE PROTECTION ASSAY**  
[54] **METHODES DE DETECTION D'UNE PROTEINE PRION**  
[72] CASHMAN, NEIL, CA  
[72] LETHO, MARTY, CA  
[73] AMORFIX LIFE SCIENCES LTD., CA  
[86] (2437999)  
[87] (2437999)  
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[30] CA (2,437,675) 2003-08-20

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[13] C  
[51] **Int.Cl. G02B 6/34 (2006.01)**  
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[54] **SYSTEM AND METHOD FOR  
FABRICATING BLAZED BRAGG  
GRATINGS**  
[54] **SYSTEME ET PROCEDE DE  
FABRICATION DE RESEAUX DE  
BRAGG BLAZES**  
[72] SAHLGREN, BENGT, SE  
[73] PROXIMION FIBER SYSTEMS AB,  
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[85] 2003-09-05  
[86] 2002-03-06 (PCT/SE2002/000385)  
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[11] **2,444,251**  
[13] C  
[51] **Int.Cl. A61B 5/03 (2006.01) A61B 5/02  
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[25] EN  
[54] **METHOD FOR ANALYSING  
PRESSURE SIGNALS DERIVABLE  
FROM A BODY CAVITY**  
[54] **PROCEDE PERMETTANT  
D'ANALYSER LES SIGNAUX DE  
LA PRESSION DERIVES D'UNE  
CAVITE CORPORELLE**  
[72] EIDE, PER KRISTIAN, NO  
[73] DP COM AS, NO  
[85] 2003-10-16  
[86] 2002-04-29 (PCT/NO2002/000164)  
[87] (WO2002/087435)  
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[51] **Int.Cl. G01F 25/00 (2006.01) G01F  
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[25] EN  
[54] **DISCRETE LEVEL  
MEASUREMENT DEVICE WITH  
AUTOMATIC THRESHOLD  
SETTING**  
[54] **.DISPOSITIF DE MESURE DE  
NIVEAU DISCRET A  
ETABLISSEMENT DE SEUIL  
AUTOMATIQUE**  
[72] HAFER, KEVIN G., US  
[73] AMETEK, INC., US  
[85] 2003-11-26  
[86] 2002-05-24 (PCT/US2002/016370)  
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[30] US (60/294,791) 2001-05-31  
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[13] C  
[51] **Int.Cl. C12Q 1/02 (2006.01) C12Q  
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[25] EN  
[54] **METHOD FOR MULTIPLE  
CHEMOKINE RECEPTOR  
SCREENING FOR ANTAGONISTS  
USING RAM ASSAY**  
[54] **METHODE DE CRIBBAGE POUR  
RECEPTEUR MULTIPLES DE  
CHIMIOKINE POUR EPREUVE  
RAM SUR DES ANTAGONISTES**  
[72] WEI, ZHENG, US  
[73] CHEMOCENTRYX, INC., US  
[86] (2452254)  
[87] (2452254)  
[22] 2003-12-04  
[30] US (10/630,180) 2003-07-30

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K  
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[25] EN  
[54] **METHODS OF INHIBITING  
AMYLOID TOXICITY**  
[54] **PROCEDES INHIBANT LA  
TOXICITE AMYLOIDE**  
[72] PRENNER, IRENE GRISWALD, US  
[72] WRIGHT, SARAH, US  
[72] YEDNOCK, THEODORE, US  
[72] RYDEL, RUSSELL, US  
[73] ELAN PHARMACEUTICALS, INC.,  
US  
[85] 2004-01-08  
[86] 2002-07-08 (PCT/US2002/019803)  
[87] (WO2003/006893)  
[30] US (60/304,315) 2001-07-09  
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[51] **Int.Cl. C09C 1/00 (2006.01) B02C  
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C09C 1/42 (2006.01) C09C 3/00  
(2006.01) C09C 3/04 (2006.01)**  
[25] EN  
[54] **HIGH SURFACE AREA  
AGGREGATED PIGMENTS**  
[54] **PIGMENTS AGREGES A  
SURFACE IMPORTANTE**  
[72] MALLA, PRAKASH B., US  
[72] DEVISSETTI, SIVA, US  
[73] THIELE KAOLIN COMPANY, US  
[85] 2003-10-01  
[86] 2002-04-03 (PCT/US2002/010543)  
[87] (WO2002/081573)  
[30] US (09/824,885) 2001-04-03  
[30] US (10/104,255) 2002-03-21

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[11] **2,455,466**  
[13] C  
[51] **Int.Cl. G01V 3/14 (2006.01) E21B  
49/08 (2006.01) G01N 24/08 (2006.01)  
G01R 33/44 (2006.01) G01V 3/32  
(2006.01)**  
[25] EN  
[54] **NUCLEAR MAGNETIC  
RESONANCE APPARATUS AND  
METHODS FOR ANALYZING  
FLUIDS EXTRACTED FROM  
EARTH FORMATION**  
[54] **APPAREIL ET METHODES A  
RESONANCE MAGNETIQUE  
NUCLEAIRE POUR ANALYSER  
DES FLUIDES EXTRAITS D'UNE  
FORMATION GEOLOGIQUE**  
[72] MADIO, DAVID P., US  
[72] GAYLOR, RICHARD W., US  
[72] FREEDMAN, ROBERT, US  
[72] KLEINBERG, ROBERT L., US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[86] (2455466)  
[87] (2455466)  
[22] 2004-01-20  
[30] US (10/349,011) 2003-01-22

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[11] **2,456,007**  
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) C07K 14/35 (2006.01) C12N 1/36 (2006.01)**

[25] EN

[54] **REDUCTION IN THE VIRULENCE OF MYCOBACTERIUM TUBERCULOSIS AND PROTECTION AGAINST TUBERCULOSIS BY MEANS OF PHOP GENE INACTIVATION**

[54] **REDUCTION DE LA VIRULENCE DE MYCOBACTERIUM TUBERCULOSIS ET PROTECTION CONTRE LA TUBERCULOSE PAR L'INACTIVATION DU GENE PHOP**

[72] MARTIN MONTANES, CARLOS, ES  
[72] GICQUEL, BRIGITTE, FR  
[72] PEREZ HERRAN, ESTHER, ES  
[73] UNIVERSIDAD DE ZARAGOZA, ES  
[85] 2004-02-02  
[86] 2002-07-30 (PCT/ES2002/000381)  
[87] (WO2003/012075)  
[30] ES (P 200101824) 2001-07-31

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[13] C

[51] **Int.Cl. C12P 7/42 (2006.01) A23L 1/30 (2006.01) A61K 31/192 (2006.01) A61P 1/04 (2006.01) A61P 1/12 (2006.01) A61P 1/14 (2006.01) A61P 19/08 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING 1,4-DIHYDROXY-2-NAPHTHOIC ACID**

[54] **PROCEDE D'ELABORATION D'ACIDE 1,4-DIHYDROXY-2-NAPHTHOIQUE**

[72] SATO, YOSHIRO, JP  
[72] MAKINO, SEIYA, JP  
[72] YODA, NOBUO, JP  
[72] ISAWA, KAKUHEI, JP  
[72] KAMIYAMA, TOMONORI, JP  
[72] HOJYO, KENICHI, JP  
[72] SAITO, MIZUE, JP  
[72] TAKETOMO, NAOKI, JP  
[72] FURUICHI, KEISUKE, JP  
[72] IKEGAMI, SHUJI, JP  
[73] MEIJI CO., LTD., JP  
[85] 2004-02-10  
[86] 2002-08-06 (PCT/JP2002/008010)  
[87] (WO2003/016544)  
[30] JP (2001-244475) 2001-08-10

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[11] **2,463,273**  
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) A63F 13/12 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **INSTANT MESSAGING EMBEDDED GAMES**

[54] **JEUX INTEGRES A LA MESSAGERIE INSTANTANEE**

[72] CANESSA, GREGORY J., US  
[72] DAVID, JONATHAN T., US  
[72] IVERSON, KRISTOFER N., US  
[72] RYAN, DONALD R., US  
[72] TRUSSEL, BRYAN G., US  
[73] MICROSOFT CORPORATION, US  
[86] (2463273)  
[87] (2463273)  
[22] 2004-04-05  
[30] US (10/435,290) 2003-05-09

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[11] **2,463,739**  
[13] C

[51] **Int.Cl. G01R 33/28 (2006.01) A61K 49/18 (2006.01)**

[25] EN

[54] **AUTOMATED MODULAR HYPERPOLARIZERS**

[54] **HYPERPOLARISEURS MODULAIRES AUTOMATISES**

[72] BOLAM, KENNETH, US  
[73] POLAREAN, INC., US  
[85] 2004-04-15  
[86] 2002-10-22 (PCT/US2002/033994)  
[87] (WO2003/036316)  
[30] US (60/336,073) 2001-10-22

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[11] **2,465,653**  
[13] C

[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/0735 (2010.01) A61K 35/28 (2006.01) A61K 35/30 (2006.01) A61P 25/00 (2006.01) A61K 35/12 (2006.01)**

[25] EN

[54] **METHOD FOR INDUCING DIFFERENTIATION OF MESODERMAL STEM CELLS, ES CELLS, OR IMMORTALIZED MESODERMAL STEM CELLS INTO NEURAL CELLS**

[54] **PROCEDE PERMETTANT D'INDUIRE UNE DIFFERENCIATION DE CELLULES SOUCHES MESODERMIQUES, DE CELLULES ES OU DE CELLULES SOUCHES MESODERMIQUES IMMORTALISEES DANS DES CELLULES DU SYSTEME NERVEUX**

[72] HONMOU, OSAMU, JP  
[72] HAMADA, HIROFUMI, JP  
[73] ASKA PHARMACEUTICAL CO., LTD., JP  
[73] HITACHI, LTD., JP  
[73] MITSUI SUMITOMO INSURANCE CARE NETWORK COMPANY LIMITED, JP  
[73] NC MEDICAL RESEARCH INC., JP  
[85] 2004-04-30  
[86] 2002-10-30 (PCT/JP2002/011294)  
[87] (WO2003/038075)  
[30] JP (PCT/JP01/09510) 2001-10-30  
[30] JP (PCT/JP02/03344) 2002-04-03

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[11] **2,468,188**  
[13] C

[51] **Int.Cl. G01N 21/78 (2006.01) G01N 21/47 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **OPTICAL ARRANGEMENT FOR ASSAY READING DEVICE**

[54] **DISPOSITION VISUELLE D'UN LECTEUR DE TEST**

[72] PHELAN, ANDREW PETER, GB  
[73] ALERE SWITZERLAND GMBH, CH  
[86] (2468188)  
[87] (2468188)  
[22] 2004-05-21  
[30] GB (0312801.2) 2003-06-04  
[30] US (10/816,216) 2004-04-01

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[11] **2,469,493**  
[13] C

[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/40 (2012.01)**

[25] EN

[54] **ELECTRONIC PURCHASING METHOD AND APPARATUS FOR PERFORMING THE SAME**

[54] **PROCEDE D'ACHAT ELECTRONIQUE ET APPAREIL PERMETTANT DE METTRE EN OEUVRE CES ACHATS**

[72] WELLS, JONATHAN B., US

[72] BUEHLER, HANS D., US

[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US

[85] 2004-06-07

[86] 2002-12-05 (PCT/US2002/039045)

[87] (WO2003/050741)

[30] US (60/337,910) 2001-12-07

[30] US (10/064,151) 2002-06-14

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[11] **2,472,243**  
[13] C

[51] **Int.Cl. H04L 1/06 (2006.01)**

[25] EN

[54] **HIGH RATE TRANSMISSION DIVERSITY TRANSMISSION AND RECEPTION**

[54] **EMISSION ET RECEPTION A DIVERSITE D'EMISSION HAUT DEBIT**

[72] HOTTINEN, ARI, FI

[72] TIRKKONEN, OLAV, FI

[73] NOKIA CORPORATION, FI

[85] 2004-06-30

[86] 2003-01-03 (PCT/FI2003/000004)

[87] (WO2003/056742)

[30] US (60/346,482) 2002-01-04

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[13] C

[51] **Int.Cl. C07C 311/19 (2006.01) A61K 31/16 (2006.01) A61K 31/44 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01) C07C 259/06 (2006.01) C07C 259/08 (2006.01) C07C 311/29 (2006.01) C07D 207/09 (2006.01) C07D 211/34 (2006.01) C07D 213/32 (2006.01) C07D 213/56 (2006.01) C07D 213/65 (2006.01) C07D 213/68 (2006.01) C07D 213/70 (2006.01) C07D 233/48 (2006.01) C07D 233/54 (2006.01) C07D 295/13 (2006.01) C07D 295/15 (2006.01) C07D 295/185 (2006.01) C07D 295/215 (2006.01) C07D 311/70 (2006.01) C07D 409/04 (2006.01)**

[25] EN

[54] **HUMAN ADAM-10 INHIBITORS**

[54] **INHIBITEURS DE L'ADAM-10 HUMAINE**

[72] BROWN, S. DAVID, US

[72] CANNE, LYNNE, US

[72] CO, ERICK W., US

[72] JAMMALAMADAKA, VASU, US

[72] KHOURY, RICHARD G., US

[72] KIM, MOON HWAN, US

[72] LE, DONNA T., US

[72] LEW, AMY, US

[72] MAC, MORRISON B., US

[72] MAMO, SHUMEYE, US

[72] NUSS, JOHN M., US

[72] PRISBYLLA, MICHAEL P., US

[72] XU, WEI, US

[73] EXELIXIS, INC., US

[85] 2004-06-09

[86] 2002-12-13 (PCT/US2002/039816)

[87] (WO2003/051825)

[30] US (60/340,179) 2001-12-14

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[11] **2,479,033**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **CENTRALIZED CHECK IMAGE STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE CENTRALISE D'IMAGES DE CHEQUES**

[72] SMITH, DOUGLAS G., US

[72] MCMONAGLE, PATRICK S., US

[72] NORMAN, RICHARD L., US

[73] VIEWPOINTE ARCHIVE SERVICES, LLC, US

[86] (2479033)

[87] (2479033)

[22] 2004-08-24

[30] US (60/481,419) 2003-09-25

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[11] **2,479,304**  
[13] C

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/295 (2006.01) C07K 14/025 (2006.01) C12N 7/04 (2006.01)**

[25] EN

[54] **VIRUS-LIKE PARTICLES OF HUMAN PAPILLOMAVIRUS**

[54] **ANTIGENES VIRAUX**

[72] WETTENDORFF, MARTINE ANNE CECILE, BE

[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

[85] 2004-09-14

[86] 2003-03-17 (PCT/EP2003/002826)

[87] (WO2003/077942)

[30] GB (0206360.0) 2002-03-18

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[11] **2,482,769**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **"DOPING" IN WALK-THROUGH MUTAGENESIS**

[54] **"DOPAGE" DANS LA MUTAGENESE TRAVERSANTE**

[72] CREA, ROBERTO, US

[72] CAPPUCILLI, GUIDO, US

[73] CREA, ROBERTO, US

[73] CAPPUCILLI, GUIDO, US

[85] 2004-10-15

[86] 2003-04-16 (PCT/US2003/011935)

[87] (WO2003/089671)

[30] US (60/373,686) 2002-04-17

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[11] **2,483,849**  
[13] C

[51] **Int.Cl. C09K 3/22 (2006.01)**

[25] EN

[54] **SURFACTANT MODIFIED OILS FOR DUST CONTROL OF LOOSE-FILL INSULATION**

[54] **HUILES MODIFIEES PAR DES TENSIOACTIFS UTILISEES POUR CAPTURER LA POUSSIERE D'UN ISOLANT EN VRAC**

[72] GALLAGHER, KEVIN J., US

[72] WAGNER, CHRISTOPHE, US

[72] CALERO, CLAIRE, FR

[72] LACAUTE, DANIEL, FR

[73] CERTAINTED CORPORATION, US

[85] 2004-10-29

[86] 2003-04-30 (PCT/US2003/013458)

[87] (WO2003/093390)

[30] US (10/136,008) 2002-05-01

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[11] **2,484,773**  
[13] C

[51] **Int.Cl. B23K 37/00 (2006.01) G05B 13/02 (2006.01) G05B 19/418 (2006.01) G06F 17/00 (2006.01) G06N 5/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROCESSING WELDING DATA**

[54] **SYSTEME ET METHODE POUR TRAITER DES DONNEES DE SOUDAGE**

[72] HARVEY, DARRYL G., CA  
[72] CORTINA, PETER J., CA  
[73] HOBART BROTHERS COMPANY, US

[86] (2484773)  
[87] (2484773)  
[22] 2004-10-14  
[30] US (10/731,215) 2003-12-09

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[11] **2,485,423**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 7/00 (2006.01)**

[25] EN

[54] **STORING AND QUERYING RELATIONAL DATA IN COMPRESSED STORAGE FORMAT**

[54] **PROCEDE ET DISPOSITIF POUR LE STOCKAGE DE DONNEES ET L'ACCES AUX DONNEES, ET POUR L'AMELIORATION DE LA PERFORMANCE DES FORMULATIONS DE LANGAGE D'INTERROGATION DE BASE DE DONNEES**

[72] POTAPOV, DMITRY M., US  
[72] OZBUTUN, CETIN, US  
[73] ORACLE INTERNATIONAL CORPORATION, US

[85] 2004-11-09  
[86] 2003-05-12 (PCT/US2003/014834)  
[87] (WO2003/096230)  
[30] US (10/144,689) 2002-05-10  
[30] US (10/426,452) 2003-04-29

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[11] **2,485,787**  
[13] C

[51] **Int.Cl. A63F 13/00 (2006.01) A63F 3/02 (2006.01) A63F 3/00 (2006.01)**

[25] EN

[54] **DVD GAME INCLUDING A DVD CONTAINING A PLURALITY OF PLAYER PUZZLES AND A CONTROL PROGRAM**

[54] **JEU SUR DVD COMPRENANT UN DVD MUNI D'UN ASSORTIMENT D'ENIGMES POUR PLUSIEURS JOUEURS ET UN PROGRAMME DE COMMANDE**

[72] KINZER, CRAIG E., US  
[72] LONG, DAVID, US  
[72] KUPER, WILLIAM, US  
[72] STEINTHAL, TREVOR, US  
[72] GRIESSE, MATHEW J., US  
[72] HENDRICKS, JOHN, US  
[72] PATTERSON, WILLIAM J., US  
[72] AUSICH, MICHAEL J., US  
[73] SCREENLIFE, LLC, US

[85] 2004-11-12  
[86] 2003-05-13 (PCT/US2003/014977)  
[87] (WO2003/097196)  
[30] US (60/380,764) 2002-05-14  
[30] US (60/413,627) 2002-09-25

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[13] C

[51] **Int.Cl. C07K 7/06 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01) A61K 39/385 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61K 49/14 (2006.01) A61K 49/16 (2006.01) A61K 51/08 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **DRUG PRE-TARGETING BY MEANS OF BI-SPECIFIC ANTIBODIES AND HAPTEN CONSTRUCTS COMPRISING A CARRIER PEPTIDE AND THE ACTIVE AGENT(S)**

[54] **PRE-CIBLAGE DE MEDICAMENTS AU MOYEN D'ANTICORPS BI-SPECIFIQUES ET CONSTRUCTIONS HAPTENIQUES A BASE DE PEPTIDE VECTEUR ET DES PRINCIPES ACTIFS**

[72] GOLDENBERG, DAVID M., US  
[72] HANSEN, HANS J., US  
[72] LEUNG, SHUI-ON, CN  
[72] MCBRIDE, WILLIAM J., US  
[72] QU, ZHENGXING, US  
[73] IMMUNOMEDICS, INC., US

[85] 2004-11-17  
[86] 2003-05-16 (PCT/GB2003/002110)  
[87] (WO2003/097105)  
[30] US (10/150,654) 2002-05-17

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[51] **Int.Cl. C23F 11/18 (2006.01) C23C 30/00 (2006.01) C25D 3/48 (2006.01) H01M 2/16 (2006.01) H01M 8/02 (2006.01)**

[25] EN

[54] **CORROSION RESISTANT CONDUCTIVE PARTS**

[54] **PIECES CONDUCTRICES RESISTANT A LA CORROSION**

[72] HISADA, TATSUO, JP  
[72] KANETA, YASUSHI, JP  
[72] TAKAGI, SHINOBU, JP  
[72] FUSE, NAOKI, JP  
[73] DAIDO STEEL CO., LTD., JP

[86] (2486687)  
[87] (2486687)  
[22] 2004-11-02  
[30] JP (2003-378533) 2003-11-07

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[51] **Int.Cl. E03D 5/10 (2006.01) E03D 3/02 (2006.01) E03D 5/02 (2006.01) E03D 5/09 (2006.01) F16K 31/05 (2006.01)**  
[25] EN  
[54] **AUTOMATICALLY OPERATED HANDLE-TYPE FLUSH VALVE**  
[54] **ROBINET DE CHASSE A POIGNEE AUTOMATIQUE**  
[72] WILSON, JOHN R., US  
[73] SLOAN VALVE COMPANY, US  
[86] (2487504)  
[87] (2487504)  
[22] 2004-11-09  
[30] US (10/705,617) 2003-11-10

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[13] C  
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/28 (2006.01) A61B 17/32 (2006.01) A61B 18/00 (2006.01)**  
[25] EN  
[54] **OPEN VESSEL SEALING INSTRUMENT WITH CUTTING MECHANISM**  
[54] **INSTRUMENT DE SCHELEMENT DE VAISSEAUX OUVERTS AVEC MECANISME DE COUPE**  
[72] MOSES, MICHAEL C., US  
[72] ROMERO, PAUL R., US  
[72] JOHNSON, KRISTIN D., US  
[72] KERR, DUANE E., US  
[72] DYCUS, SEAN T., US  
[73] SHERWOOD SERVICES AG, CH  
[86] (2487914)  
[87] (2487914)  
[22] 2004-11-18  
[30] US (60/523,387) 2003-11-19

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[11] **2,491,807**  
[13] C  
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 23/06 (2006.01) E21B 33/10 (2006.01) E21B 41/00 (2006.01) E21B 43/14 (2006.01)**  
[25] EN  
[54] **SEALED BRANCH WELLBORE TRANSITION JOINT**  
[54] **JOINT DE TRANSITION DE Puits DE FORAGE A BRANCHE ETANCHE**  
[72] HEPBURN, NEIL, CA  
[72] FIPKE, STEVEN R., CA  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[86] (2491807)  
[87] (2491807)  
[22] 2005-01-10  
[30] US (10/767,656) 2004-01-29

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[11] **2,492,250**  
[13] C  
[51] **Int.Cl. E04C 1/00 (2006.01) B28B 7/24 (2006.01) E04F 13/00 (2006.01)**  
[25] EN  
[54] **A MOLDING EQUIPMENT AND METHOD TO MANUFACTURE STACKABLE INTER-ENGAGING BRICKS, BLOCKS, STONES AND THE LIKE WITH A SMOOTH OR EMBOSSSED FACE**  
[54] **EQUIPEMENT ET METHODE DE MOULAGE POUR LA FABRICATION DE BRIQUES, DE BLOCS, DE PIERRES ET D'AUTRES DU MEME GENRE QUI SONT EMPILABLES ET A EMBOITEMENT, A FACE LISSE OU EN RELIEF**  
[72] CHAUSSEE, DOMINIC, CA  
[72] TURGEON, LUIS TRELLES, CA  
[72] GAUTHIER, SIMON, CA  
[73] NOVABRIK INTERNATIONAL INC., CA  
[86] (2492250)  
[87] (2492250)  
[22] 2005-01-11

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[11] **2,493,629**  
[13] C  
[51] **Int.Cl. A61K 31/428 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 9/24 (2006.01) A61K 31/4745 (2006.01) A61P 25/16 (2006.01)**  
[25] EN  
[54] **PRAMIPEXOLE ONCE-DAILY DOSAGE FORM**  
[54] **FORME POSOLOGIQUE A PRISE UNIQUE QUOTIDIENNE DE PRAMIPEXOLE**  
[72] LEE, ERNEST J., US  
[72] BREDIAEL, GERARD M., US  
[72] BALDWIN, JOHN R., US  
[72] COX, STEVEN R., US  
[72] HEINTZ, MARK J., US  
[73] PHARMACIA CORPORATION, US  
[85] 2005-01-24  
[86] 2003-07-25 (PCT/US2003/023522)  
[87] (WO2004/010999)  
[30] US (60/398,427) 2002-07-25  
[30] US (60/398,447) 2002-07-25  
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[11] **2,494,299**  
[13] C  
[51] **Int.Cl. H04L 9/00 (2006.01) H04K 1/00 (2006.01) H04L 9/32 (2006.01)**  
[25] EN  
[54] **METHODS FOR SECURE ENROLLMENT AND BACKUP OF PERSONAL IDENTITY CREDENTIALS INTO ELECTRONIC DEVICES**  
[54] **METHODES D'INSCRIPTION SECURISEE ET DE SAUVEGARDE DE DONNEES D'IDENTITE PERSONNELLES DANS DES DISPOSITIFS ELECTRONIQUES**  
[72] ABDALLAH, DAVID S., US  
[72] JOHNSON, BARRY W., US  
[73] PRIVARIS, INC., US  
[85] 2005-02-03  
[86] 2003-08-06 (PCT/US2003/024472)  
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[30] US (60/401,399) 2002-08-06

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[25] EN  
[54] **HEMOSTATIC COMPOSITIONS AND DEVICES**  
[54] **DISPOSITIFS ET COMPOSITIONS HEMOSTATIQUES**

[72] PENDHARKAR, SANYOG M., US  
[72] GORMAN, ANNE J., US  
[72] CRAVEN, THOMAS L., US  
[73] ETHICON, INC., US  
[86] (2495048)  
[87] (2495048)  
[22] 2005-01-28  
[30] US (10/768,912) 2004-01-30

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[13] C

[51] **Int.Cl. E05C 7/06 (2006.01) E05B 65/46 (2006.01)**

[25] EN  
[54] **ANTI-TIP INTERLOCKING LINKAGE MECHANISM FOR VERTICAL CABINETS**  
[54] **MECANISME DE LIAISON A ENCLIQUETAGE ANTI-BASCULEMENT POUR MEUBLES VERTICAUX**

[72] LUDWIG, GARY R., US  
[72] PAYNE, JAMIE L., US  
[72] ANDRES, TODD T., US  
[72] DALTON, ROBERT, US  
[72] FINCH, GLYN A., JR., US  
[73] WATERLOO FURNITURE COMPONENTS LIMITED, CA  
[85] 2005-02-15  
[86] 2003-08-21 (PCT/US2003/026161)  
[87] (WO2004/018224)  
[30] US (10/224,832) 2002-08-21

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[11] **2,496,051**  
[13] C

[51] **Int.Cl. F01C 1/00 (2006.01) F01C 19/00 (2006.01) F01C 21/08 (2006.01) F02B 53/00 (2006.01) F02B 55/16 (2006.01)**

[25] EN  
[54] **POSITIVE DISPLACEMENT ROTARY DEVICE AND METHOD OF USE**  
[54] **DISPOSITIF ROTATIF A FONCTIONNEMENT FRANC ET METHODE D'UTILISATION**

[72] JOHNSON, STEVE, US  
[73] JOHNSON, STEVE, US  
[86] (2496051)  
[87] (2496051)  
[22] 2005-01-31  
[30] US (60/540,642) 2004-01-30

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[13] C

[51] **Int.Cl. G06F 3/14 (2006.01) G06F 9/44 (2006.01)**

[25] EN  
[54] **VISUAL AND SCENE GRAPH INTERFACES**  
[54] **INTERFACES VISUELLES ET DE GRAPHE DE SCENE**

[72] BEDA, JOSEPH S., US  
[72] SCHNEIDER, GERHARD A., US  
[72] GALLO, KEVIN T., US  
[72] SMITH, ADAM M., US  
[72] VANDENBERG, ERIC S., US  
[72] CURTIS, DONALD B., US  
[73] MICROSOFT CORPORATION, US  
[85] 2005-04-18  
[86] 2004-07-28 (PCT/US2004/024454)  
[87] (WO2005/040965)  
[30] US (10/693,673) 2003-10-13

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[11] **2,501,939**  
[13] C

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/02 (2006.01) A61K 39/385 (2006.01) C07H 21/04 (2006.01) C07K 1/00 (2006.01) C07K 14/20 (2006.01) C07K 16/00 (2006.01) G01N 33/53 (2006.01)**

[25] EN  
[54] **NOVEL IMMUNOGENIC PROTEINS OF LEPTOSPIRA**  
[54] **NOUVELLES PROTEINES IMMUNOGENES DE LEPTOSPIRA**

[72] CHANG, YUNG-FU, US  
[72] PALANIAPPAN, RAGHAVAN U.M., US  
[73] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2005-04-11  
[86] 2003-10-10 (PCT/US2003/032385)  
[87] (WO2004/032599)  
[30] US (60/417,721) 2002-10-10

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[13] C

[51] **Int.Cl. C10L 1/18 (2006.01) C10G 19/02 (2006.01) C10G 75/00 (2006.01) C10G 75/02 (2006.01) C10L 1/10 (2006.01) C10L 1/188 (2006.01) C10L 1/19 (2006.01) C10L 1/198 (2006.01) C10L 10/04 (2006.01) C10L 1/12 (2006.01)**

[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A FUEL COMPOSITION**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE COMBUSTIBLE**

[72] MACMILLAN, JOHN ALEXANDER, US  
[73] INNOSPEC LIMITED, GB  
[73] INNOSPEC FUEL SPECIALTIES LLC, US  
[85] 2005-03-04  
[86] 2003-09-08 (PCT/GB2003/003916)  
[87] (WO2004/024850)  
[30] US (60/410,788) 2002-09-13  
[30] GB (0302862.8) 2003-02-07

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[13] C  
[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01)**  
[25] EN  
[54] **SUBTILASE VARIANTS**  
[54] **VARIANTES DE SUBTILASE**  
[72] DRAGBORG, HENRIETTE, DK  
[72] HANSEN, PETER KAMP, DK  
[72] BJORNVAD, MADSKESKELUND, DK  
[72] NORREGAARD-MADSEN, MADSKESKELUND, DK  
[72] MIKKELSEN, MIKAEL, DK  
[73] NOVOZYMES A/S, DK  
[85] 2005-04-27  
[86] 2003-11-05 (PCT/DK2003/000756)  
[87] (WO2004/041979)  
[30] DK (PA 2002 01705) 2002-11-06  
[30] DK (PA 2002 01933) 2002-12-18  
[30] US (60/507,537) 2003-10-01

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[13] C  
[51] **Int.Cl. H04H 60/81 (2009.01) H04H 20/57 (2009.01) H04H 20/71 (2009.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SIGNALING IN BROADCAST COMMUNICATION SYSTEM**  
[54] **PROCEDE ET SYSTEME DE SIGNALISATION DANS UN SYSTEME DE COMMUNICATION DE DIFFUSION**  
[72] SINNARAJAH, RAGULAN, CA  
[72] WANG, JUN, US  
[72] ATHALYE, SANJEEV ARVIND, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2005-04-29  
[86] 2004-09-13 (PCT/US2004/030102)  
[87] (WO2005/027566)  
[30] US (60/502,504) 2003-09-11

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[13] C  
[51] **Int.Cl. H04L 12/22 (2006.01) G06F 9/445 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING AND COMMUNICATING SOFTWARE UPDATES**  
[54] **SYSTEME ET METHODE DE GESTION ET DE COMMUNICATION DES MISES A JOUR DE LOGICIEL**  
[72] MEULEMANS, MICHAEL EDWARD, US  
[72] AVERBUCH, AARON, US  
[72] ROBERTS, JASON, US  
[72] SHOWMAN, KEN, US  
[72] MOHAMMED, MAZHAR, US  
[72] DADZIE, JOSEPH G., US  
[73] MICROSOFT CORPORATION, US  
[85] 2005-04-19  
[86] 2004-07-23 (PCT/US2004/023975)  
[87] (WO2005/060388)  
[30] US (10/737,708) 2003-12-15

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[13] C  
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 13/00 (2006.01)**  
[25] EN  
[54] **MAINTAINING TIME-DATE INFORMATION FOR SYNCING LOW FIDELITY DEVICES**  
[54] **MISE A JOUR D'INFORMATION D'HORODATAGE POUR SYNCHRONISER DES DISPOSITIFS A BASSE FIDELITE**  
[72] STARBUCK, BRYAN T., US  
[73] MICROSOFT CORPORATION, US  
[85] 2005-06-10  
[86] 2004-07-30 (PCT/US2004/024708)  
[87] (WO2005/111808)  
[30] US (10/835,830) 2004-04-30  
[30] US (10/878,717) 2004-06-28  
[30] US (10/878,095) 2004-06-28

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[11] **2,509,751**  
[13] C  
[51] **Int.Cl. G01F 15/18 (2006.01)**  
[25] EN  
[54] **METER BAR**  
[54] **BARRE DE COMPTEUR**  
[72] GOHDE, JON, US  
[73] A.Y. MCDONALD MFG. CO., US  
[86] (2509751)  
[87] (2509751)  
[22] 2005-06-10  
[30] US (10/963,204) 2004-10-11

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[11] **2,509,894**  
[13] C  
[51] **Int.Cl. A61B 17/068 (2006.01)**  
[25] EN  
[54] **CLIP STORAGE FOR ENDOSCOPIC CLIP APPLIER**  
[54] **CARTOUCHE D'AGRAFES POUR APPLICATEUR D'AGRAFES ENDOSCOPIQUES**  
[72] FRANCESE, JOSE LUIS, US  
[72] KORTENBACH, JUERGEN A., US  
[72] RIVERA, CARLOS, US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2509894)  
[87] (2509894)  
[22] 2005-06-14  
[30] US (10/867,502) 2004-06-14

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[13] C  
[51] **Int.Cl. H01H 13/64 (2006.01) H01H 13/70 (2006.01) H01H 23/12 (2006.01)**  
[25] EN  
[54] **SWITCH DEVICE**  
[54] **DISPOSITIF DE COMMUTATION**  
[72] ONODERA, HIDEJI, JP  
[72] FUJIMOTO, TAKESHI, JP  
[72] SEKINO, YUTAKA, JP  
[73] NILES CO., LTD., JP  
[86] (2510723)  
[87] (2510723)  
[22] 2005-06-27  
[30] JP (2004-188802) 2004-06-25



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[13] C

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[25] EN

[54] **METHOD FOR MANUFACTURING RECOMBINANT POLYCLONAL PROTEINS**

[54] **METHODE DE PRODUCTION DE PROTEINES POLYCLONALES DE RECOMBINAISON**

[72] HAURUM, JOHN S., DK

[72] WIBERG, FINN C., DK

[72] COLJEE, VINCENT W., DK

[72] SHARON, JACQUELINE, US

[72] YANG, CHIOU-YING, TW

[73] SYMPHOGEN A/S, DK

[85] 2005-07-06

[86] 2004-01-07 (PCT/DK2004/000001)

[87] (WO2004/061104)

[30] DK (PA 2003 00008) 2003-01-07

[30] US (60/438,403) 2003-01-07

[30] US (60/476,018) 2003-06-05

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[13] C

[51] **Int.Cl. G01N 1/38 (2006.01) G01N 15/02 (2006.01) G01N 1/10 (2006.01)**

[25] EN

[54] **DEVICE FOR A CONTINUOUSLY OPERATED DILUTING OF A SLURRY SAMPLE**

[54] **DISPOSITIF POUR DILUER EN CONTINU UN ECHANTILLON DE SUSPENSION EPAISSE**

[72] VON ALFTHAN, CHRISTIAN, FI

[73] OUTOTEC OYJ, FI

[85] 2005-07-08

[86] 2004-02-04 (PCT/FI2004/000055)

[87] (WO2004/070357)

[30] FI (20030173) 2003-02-05

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[11] **2,513,605**  
[13] C

[51] **Int.Cl. A01B 59/042 (2006.01) A01D 47/00 (2006.01)**

[25] EN

[54] **ADJUSTMENT OF THE HITCH ARM OF A PULL-TYPE CROP HARVESTING MACHINE**

[54] **BRAS D'ATTELAGE REGLABLE D'UNE RECOLTEUSE TRACTEE**

[72] BARNETT, NEIL GORDON, CA

[72] SNIDER, GEOFFREY U., CA

[73] MACDON INDUSTRIES LTD., CA

[86] (2513605)

[87] (2513605)

[22] 2005-07-22

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[11] **2,514,169**  
[13] C

[51] **Int.Cl. C07J 41/00 (2006.01) C07J 7/00 (2006.01) C07J 21/00 (2006.01)**

[25] EN

[54] **PROCESS FOR OBTAINING 17.ALPHA.-ACETOXY-11.BETA.(4-N,N-DIMETHYLAMINOPHENY-19-NORPREGNA-4,9-DIENE-3,20-DIONE**

[54] **PROCEDE D'OBTENTION DE 17.ALPHA.-ACETOXY-11.BETA.(4-N,N-DIMETHYLAMINOPHENY-19-NORPREGNA-4,9-DIENE-3,20-DIONE**

[72] SILVA GUIASOLA, LUIS OCTAVIO, ES

[72] GUTIERREZ FUENTES, LUIS GERARDO, ES

[72] ROSON NINO, CARLOS, ES

[73] CRYSTAL PHARMA, S.A., ES

[85] 2005-07-22

[86] 2004-01-21 (PCT/ES2004/000026)

[87] (WO2004/065405)

[30] ES (P 2003 00162) 2003-01-22

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[11] **2,514,716**  
[13] C

[51] **Int.Cl. B66B 7/04 (2006.01)**

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[54] **COVER FOR A DEFLECTING ROLLER OF A LIFT**

[54] **COUVERCLE POUR GALET DEFLECTEUR D'ASCENSEUR**

[72] SCHAFFHAUSER, URS, CH

[72] FERNANDES, MARIO, FR

[72] MAURY, JULIEN, CH

[73] INVENTIO AG, CH

[86] (2514716)

[87] (2514716)

[22] 2005-08-05

[30] EP (04 405503.6) 2004-08-09

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[11] **2,514,929**  
[13] C

[51] **Int.Cl. B01D 24/12 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR FILTERING FLUIDS**

[54] **APPAREIL ET PROCEDE DE FILTRAGE DE FLUIDES**

[72] BONER, MARK C., US

[72] GURNEY, PAULA K., US

[73] WWETCO, LLC, US

[85] 2005-07-29

[86] 2004-01-29 (PCT/US2004/002467)

[87] (WO2004/067136)

[30] US (60/443,429) 2003-01-29

[30] US (60/502,383) 2003-09-12

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[13] C

[51] **Int.Cl. C12N 15/54 (2006.01) A01H 1/06 (2006.01) A01H 5/00 (2006.01) C07K 16/40 (2006.01) C08B 37/06 (2006.01) C12N 9/10 (2006.01) C12N 15/01 (2006.01) C12P 19/04 (2006.01)**

[25] EN

[54] **GALACTURONOSYLTRANSFERASES, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR**

[54] **GALACTURONOSYLTRANSFERASES, ACIDES NUCLEIQUES CODANT CELLES-CI ET LEURS UTILISATIONS**

[72] MOHNEN, DEBRA, US

[72] STERLING, JASON DWIGHT, US

[72] DOONG, RON LOU, US

[72] KOLLI, VENKATA SIVA KUMAR, US

[72] HAHN, MICHAEL G., US

[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US

[85] 2005-08-04

[86] 2004-02-05 (PCT/US2004/003545)

[87] (WO2004/072250)

[30] US (60/445,539) 2003-02-06

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[51] **Int.Cl. F24H 1/06 (2006.01) F24H 9/20 (2006.01)**  
[25] EN  
[54] **CONTROL SYSTEM FOR A PORTABLE INSTANT HOT WATER HEATER**  
[54] **SYSTEME DE COMMANDE POUR CHAUFFE-EAU INSTANTANE PORTATIF**  
[72] LONG, NORRIS RICHARD, US  
[73] THE COLEMAN COMPANY, INC., US  
[85] 2005-08-05  
[86] 2004-02-26 (PCT/US2004/005796)  
[87] (WO2004/079274)  
[30] US (10/376,912) 2003-02-28

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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/14 (2006.01)**  
[25] EN  
[54] **ADDITIONAL HASH FUNCTIONS IN CONTENT-BASED ADDRESSING**  
[54] **FONCTIONS DE HACHAGE SUPPLEMENTAIRE DANS UN ADRESSAGE BASE SUR LE CONTENU**  
[72] CARPENTIER, PAUL R. M., BE  
[72] FORRET, PETER, BE  
[72] WILLEMS, MAARTEN J. P. A., BE  
[73] CARINGO, INC., US  
[85] 2005-08-19  
[86] 2004-02-19 (PCT/IB2004/000420)  
[87] (WO2004/074968)  
[30] US (60/449,172) 2003-02-21

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[13] C

[51] **Int.Cl. B23K 33/00 (2006.01) B23K 9/04 (2006.01)**  
[25] EN  
[54] **A PROCESS FOR CAPILLARY ELECTRIC WELDING OF LOW AND HIGH ALLOY STEELS, WHETHER TEMPERED OR NOT, AND BIMETALS, FOR OBTAINING A CERTAIN TEXTURE WITH NO THERMAL TREATMENT**  
[54] **PROCEDE DE SOUDAGE ELECTRIQUE PAR CAPILLARITE D'ACIERS FAIBLEMENT ALLIES ET D'ACIERS FORTEMENT ALLIES, REVENUS OU NON, ET DE BIMETAUX, EN VUE D'OBTENIR UNE CERTAINE TEXTURE SANS TRAITEMENT THERMIQUE**  
[72] GUTH, BELA, BR  
[73] GUTH, BELA, BR  
[86] (2516825)  
[87] (2516825)  
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[30] BR (PI 0403851-7) 2004-08-31

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[13] C

[51] **Int.Cl. F23R 3/06 (2006.01) B05D 1/08 (2006.01) C23C 4/08 (2006.01) F01D 25/12 (2006.01) F23R 3/26 (2006.01) F01D 5/18 (2006.01)**  
[25] EN  
[54] **ADJUSTING AIRFLOW IN TURBINE COMPONENT BY DEPOSITING OVERLAY METALLIC COATING**  
[54] **REGLAGE DU FLUX D'AIR DANS UN COMPOSANT DE TURBINE AU MOYEN DU DEPOT D'UN REVETEMENT METALLIQUE**  
[72] CALDWELL, JAMES MICHAEL, US  
[72] TOMLINSON, THOMAS JOHN, US  
[72] ZIMMERMAN, JR., ROBERT GEORGE, US  
[72] HEIDORN, RAYMOND WILLIAM, US  
[72] FARMER, GILBERT (NMN), US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2517080)  
[87] (2517080)  
[22] 2005-08-25  
[30] US (10/934,172) 2004-09-03

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[13] C

[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/48 (2006.01) G01V 3/32 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR SONIC LOG PROCESSING**  
[54] **METHODES ET SYSTEMES DE TRAITEMENT DE DIAGRAPHIE SONIQUE**  
[72] WU, PETER T., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2523723)  
[87] (2523723)  
[22] 2005-10-17  
[30] US (10/904,035) 2004-10-20

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[11] **2,526,366**  
[13] C

[51] **Int.Cl. H04N 7/50 (2006.01) H03M 7/30 (2006.01)**  
[25] EN  
[54] **REVERSIBLE OVERLAP OPERATOR FOR EFFICIENT LOSSLESS DATA COMPRESSION**  
[54] **OPERATEUR DE CHEVAUCHEMENT REVERSIBLE PERMETTANT UNE COMPRESSION DE DONNEES EFFICACE SANS PERTES**  
[72] TU, CHENGJIE, US  
[72] MALVAR, HENRIQUE SARMENTO, US  
[72] SRINIVASAN, SRIDHAR, US  
[73] MICROSOFT CORPORATION, US  
[86] (2526366)  
[87] (2526366)  
[22] 2005-11-09  
[30] US (11/015,148) 2004-12-17

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[11] **2,527,790**  
[13] C

[51] **Int.Cl. F16L 1/24 (2006.01) F16L 1/06 (2006.01)**  
[25] EN  
[54] **PIPELINE BALLAST AND METHOD OF USE**  
[54] **BALLAST POUR PIPELINE ET METHODE D'UTILISATION**  
[72] WILLIS, BRADLEY C., CA  
[72] WILLIS, W. BRENT, CA  
[72] WILLIS, H. CRAIG, CA  
[73] BLACKFIRE EXPLORATION LTD., CA  
[86] (2527790)  
[87] (2527790)  
[22] 2005-11-22  
[30] CA (2,488,145) 2004-11-22

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[11] **2,527,804**  
[13] C

- [51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **BULK TRANSMISSION OF MESSAGES USING A SINGLE HTTP REQUEST**  
[54] **TRANSMISSION EN BLOC DE MESSAGES FAISANT APPEL A UNE SEULE DEMANDE HTTP**  
[72] BALLINGER, KEITH W., US  
[72] CABRERA, LUIS FELIPE, US  
[73] MICROSOFT CORPORATION, US  
[86] (2527804)  
[87] (2527804)  
[22] 2005-11-24  
[30] US (11/031,856) 2005-01-07

[11] **2,529,168**  
[13] C

- [51] **Int.Cl. A47L 7/00 (2006.01) A47L 11/34 (2006.01)**  
[25] EN  
[54] **METHOD OF, AND APPARATUS FOR DEFOAMING**  
[54] **METHODE ET DISPOSITIF DE DEMOUSSAGE**  
[72] DAVIS, JOHN, CA  
[72] COCHRANE, LAURA, CA  
[73] ALLEN-VANGUARD CORPORATION, CA  
[86] (2529168)  
[87] (2529168)  
[22] 2005-12-06  
[30] CA (2,489,112) 2004-12-06

[11] **2,530,837**  
[13] C

- [51] **Int.Cl. E21B 17/22 (2006.01) E21B 17/00 (2006.01) E21B 37/02 (2006.01)**  
[25] EN  
[54] **HELICAL ROD GUIDE AND METHOD**  
[54] **GUIDE HELICOIDAL DE TIGE DE POMPAGE ET METHODE**  
[72] ABDO, GARY E., US  
[73] ROBBINS & MYERS ENERGY SYSTEMS L.P., US  
[86] (2530837)  
[87] (2530837)  
[22] 2005-12-19  
[30] US (11/270,672) 2005-11-09

[11] **2,530,904**  
[13] C

- [51] **Int.Cl. A61K 31/197 (2006.01) A61P 25/04 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL AGENTS FOR THE TREATMENT OF PAIN ASSOCIATED WITH SPINAL CORD INJURY**  
[54] **AGENTS PHARMACEUTIQUES POUR LE TRAITEMENT DE LA DOULEUR ASSOCIEE A UNE LESION DE LA MOELLE EPINIERE**  
[72] MARINO, JOHN, US  
[72] TAYLOR, KIRK, US  
[73] WARNER-LAMBERT COMPANY LLC, US  
[86] (2530904)  
[87] (2530904)  
[22] 2005-12-20

[11] **2,531,430**  
[13] C

- [51] **Int.Cl. E04G 1/15 (2006.01)**  
[25] EN  
[54] **SCAFFOLD DECK AND SELF-LOCKING HOOK**  
[54] **PLATE-FORME ET CROCHET AUTOBLOQUANT D'ECHAFAUDAGE**  
[72] BRASIL, JOHN G., CA  
[73] ETOBICOKE IRONWORKS LIMITED, CA  
[86] (2531430)  
[87] (2531430)  
[22] 2005-12-23

[11] **2,531,508**  
[13] C

- [51] **Int.Cl. C07D 239/54 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61P 5/04 (2006.01) C07D 401/12 (2006.01)**  
[25] EN  
[54] **PYRIMIDINE-2, 4-DIONE DERIVATIVES AS GONADOTROPIN-RELEASING HORMONE RECEPTOR ANTAGONISTS**  
[54] **DERIVES DE PYRIMIDINE-2, 4-DIONE UTILISES COMME ANTAGONISTES DU RECEPTEUR D'HORMONE LIBERANT DE LA GONADOTROPHINE**  
[72] GUO, ZHIQIANG, US  
[72] CHEN, YONGSHENG, US  
[72] WU, DONGPEI, US  
[72] CHEN, CHEN, US  
[72] WADE, WARREN, US  
[72] DWIGHT, WESLEY J., US  
[72] HUANG, CHARLES Q., US  
[72] TUCCI, FABIO C., US  
[73] NEUROCRINE BIOSCIENCES, INC., US  
[85] 2006-01-06  
[86] 2004-07-06 (PCT/US2004/021593)  
[87] (WO2005/007165)  
[30] US (60/485,434) 2003-07-07

[11] **2,532,061**  
[13] C

- [51] **Int.Cl. H04B 3/56 (2006.01)**  
[25] EN  
[54] **INDUCTIVE COUPLING CIRCUIT AND TELECOMMUNICATION METHOD BY SHEATHED CABLES OF AN ELECTRIC CURRENT DISTRIBUTION NETWORK**  
[54] **CIRCUIT DE COUPLAGE INDUCTIF ET PROCEDE DE TELECOMMUNICATION PAR DES CABLES BLINDES D'UN RESEAU ELECTRIQUE DE DISTRIBUTION DE COURANT**  
[72] BUMILLER, GERD, DE  
[73] IAD GESELLSCHAFT FUER INFORMATIK, AUTOMATISIERUNG UND DATENVERARBEITUNG MBH, DE  
[85] 2006-01-10  
[86] 2004-07-11 (PCT/EP2004/007646)  
[87] (WO2005/008913)  
[30] DE (103 31 744.9) 2003-07-11

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[13] C  
[51] **Int.Cl. F21L 4/08 (2006.01) F21L 13/06 (2006.01) H02J 7/00 (2006.01) H02K 35/02 (2006.01)**  
[25] EN  
[54] **MANUALLY RECHARGEABLE FLASHLIGHT**  
[54] **LAMPE-TORCHE RECHARGEABLE A LA MAIN**  
[72] GUANG, YIU CHEUK, HK  
[72] GRAND, GERARD, CA  
[72] BEAUCHAMP, FERN, CA  
[73] GRAND, GERARD, CA  
[86] (2534674)  
[87] (2534674)  
[22] 2006-01-25

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[11] **2,534,804**  
[13] C  
[51] **Int.Cl. G06F 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CROSS ATTRIBUTE ANALYSIS AND MANIPULATION IN ONLINE ANALYTICAL PROCESSING (OLAP) AND MULTI-DIMENSIONAL PLANNING APPLICATIONS BY DIMENSION SPLITTING**  
[54] **SYSTEME ET PROCEDE D'ANALYSE ET DE MANIPULATION D'ATTRIBUTS CROISES DANS DES APPLICATIONS DE TRAITEMENT ANALYTIQUE EN LIGNE (OLAP) ET DE PLANIFICATION MULTIDIMENSIONNELLE PAR SEPARATION DIMENSIONNELLE**  
[72] MORRIS, RICHARD ADRIAN, GB  
[73] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2006-02-03  
[86] 2004-08-12 (PCT/US2004/026122)  
[87] (WO2005/019997)  
[30] US (10/639,551) 2003-08-12

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[13] C  
[51] **Int.Cl. D06F 37/28 (2006.01) D06F 37/10 (2006.01) D06F 39/14 (2006.01) D06F 58/04 (2006.01) D06F 58/20 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR A HOME APPLIANCE HAVING A DOOR**  
[54] **METHODES ET DISPOSITIF POUR APPAREIL ELECTROMENAGER POURVU D'UNE PORTE**  
[72] CALMEISE, RANDALL W., US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2535106)  
[87] (2535106)  
[22] 2006-02-03  
[30] US (11/240,209) 2005-09-30

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[51] **Int.Cl. G01N 21/00 (2006.01) B81B 1/00 (2006.01) B81B 7/02 (2006.01) G01N 15/00 (2006.01) G01N 15/14 (2006.01) G01N 21/27 (2006.01) G01N 21/64 (2006.01) G02B 26/08 (2006.01)**  
[25] EN  
[54] **OPTICAL DETECTOR FOR A PARTICLE SORTING SYSTEM**  
[54] **DETECTEUR OPTIQUE POUR SYSTEME DE TRI DE PARTICULES**  
[72] GILBERT, JOHN R., US  
[72] DESHPANDE, MANISH, US  
[72] SINOFSKY, ED, US  
[73] CYTONOME/ST, LLC, US  
[85] 2006-02-08  
[86] 2004-08-16 (PCT/US2004/026467)  
[87] (WO2005/017969)  
[30] US (60/495,374) 2003-08-14  
[30] US (10/915,016) 2004-08-09

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[13] C  
[51] **Int.Cl. D07B 7/16 (2006.01) D07B 5/00 (2006.01) D07B 7/18 (2006.01)**  
[25] EN  
[54] **CABLE BULBING APPARATUS AND METHOD FOR FORMING BULBS IN A CABLE BOLT**  
[54] **APPAREIL DE BULBAGE DE CABLE ET METHODE POUR FORMER DES RENFLEMENTS DANS UN BOULON A CABLE**  
[72] STEAINS, ANTHONY PAUL, AU  
[73] FCI HOLDINGS DELAWARE, INC., US  
[86] (2535955)  
[87] (2535955)  
[22] 2006-02-10  
[30] AU (2005200714) 2005-02-17

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[13] C  
[51] **Int.Cl. E21B 10/44 (2006.01)**  
[25] EN  
[54] **DRILLING APPARATUS, METHOD, AND SYSTEM**  
[54] **DISPOSITIF, PROCEDE ET SYSTEME POUR LE FORAGE**  
[72] HILL, JOHN L., III, US  
[72] BRENNAN, MIKE, US  
[72] SHENHAR, JORAM, US  
[72] KOCH, DAVID, US  
[72] LOMBARDO, MARK, US  
[72] DOLGIN, BENJAMIN, US  
[72] GIRALDO, LUIS B., US  
[73] RAYTHEON UTD INC., US  
[85] 2006-02-17  
[86] 2004-08-18 (PCT/US2004/026807)  
[87] (WO2005/019593)  
[30] US (60/496,379) 2003-08-20  
[30] US (10/919,271) 2004-08-17

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[13] C

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[25] EN  
[54] **AAV VECTORS FOR IN VIVO GENE THERAPY OF RHEUMATOID ARTHRITIS**  
[54] **VECTEURS AAV POUR THERAPIE GENIQUE IN VIVO DESTINEE A TRAITER LA POLYARTHRITE RHUMATOIDE**  
[72] TAK, PAUL PETER, NL  
[72] JORGENSEN, CHRISTIAN, FR  
[73] ACADEMISCH MEDISCH CENTRUM, NL  
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2006-02-21  
[86] 2004-09-01 (PCT/NL2004/000607)  
[87] (WO2005/021768)  
[30] NL (PCT/NL03/00611) 2003-09-01

[11] **2,536,492**

[13] C

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[25] EN  
[54] **PROCESS FOR PRODUCING CYTOTOXIC LYMPHOCYTES**  
[54] **PROCEDE DE PRODUCTION DE LYMPHOCYTES CYTOTOXIQUES**  
[72] IDENO, MITSUKO, JP  
[72] MURAKI, NOBUKO, JP  
[72] OGAWA, KINUKO, JP  
[72] KISHIMOTO, MASAYUKI, JP  
[72] ENOKI, TATSUJI, JP  
[72] SAGAWA, HIROAKI, JP  
[72] KATO, IKUNOSHIN, JP  
[73] TAKARA BIO INC., JP  
[85] 2006-02-21  
[86] 2004-08-19 (PCT/JP2004/012238)  
[87] (WO2005/019450)  
[30] JP (2003-298208) 2003-08-22  
[30] JP (2004-000699) 2004-01-05  
[30] JP (2004-115648) 2004-04-09  
[30] JP (2004-222441) 2004-07-29

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[13] C

- [51] **Int.Cl. A61L 27/10 (2006.01) A61F 2/28 (2006.01)**  
[25] EN  
[54] **ARTIFICIAL BONE AND JOINT COMPOSITION COMPRISING A CALCIUM ALUMINATE CONTAINING PHASE AND METHODS OF USE AND MANUFACTURE**  
[54] **COMPOSITIONS D'OS ET D'ARTICULATIONS ARTIFICIELS COMPRENANT UN ALUMINATE DE CALCIUM QUI CONTIENT UNE PHASE, ET PROCEDES D'UTILISATION ET DE FABRICATION DESDITES COMPOSITIONS**  
[72] MCGOWAN, KENNETH A., US  
[73] MCGOWAN, KENNETH A., US  
[85] 2006-02-23  
[86] 2004-08-24 (PCT/US2004/027484)  
[87] (WO2005/020846)  
[30] US (60/497,999) 2003-08-25

[11] **2,537,135**

[13] C

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[25] EN  
[54] **PYRIMIDOTHIOPHENE COMPOUNDS**  
[54] **COMPOSES PYRIMIDOTHIOPHENE**  
[72] DYMOCK, BRIAN WILLIAM, GB  
[72] DRYSDALE, MARTIN JAMES, GB  
[72] FROMONT, CHRISTOFE, GB  
[72] JORDAN, ALLAN, GB  
[72] BARRIL-ALONSO, XAVIER, GB  
[73] CANCER RESEARCH TECHNOLOGY LTD, GB  
[73] THE INSTITUTE OF CANCER RESEARCH, GB  
[73] VERNALIS (R&D) LIMITED, GB  
[85] 2006-02-27  
[86] 2004-08-26 (PCT/GB2004/003641)  
[87] (WO2005/021552)  
[30] GB (0320300.7) 2003-08-29  
[30] GB (0327924.7) 2003-12-02  
[30] GB (0414467.1) 2004-06-29

[11] **2,537,478**

[13] C

- [51] **Int.Cl. H04R 1/00 (2006.01) H04W 88/02 (2009.01) H04R 1/02 (2006.01) H04R 3/00 (2006.01)**  
[25] EN  
[54] **SPEAKER APPARATUS FOR HANDHELD ELECTRONIC DEVICE**  
[54] **APPAREIL A HAUT-PARLEUR POUR DISPOSITIF ELECTRONIQUE PORTATIF**  
[72] TYNESKI, FRANK, CA  
[72] RAK, ROMAN P., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2537478)  
[87] (2537478)  
[22] 2006-02-22  
[30] EP (05251072.4) 2005-02-23

[11] **2,537,672**

[13] C

- [51] **Int.Cl. F01D 9/00 (2006.01) F01D 11/08 (2006.01)**  
[25] FR  
[54] **INTERNAL TURBINE ENGINE CRANKCASE FITTED WITH HEAT SHIELD**  
[54] **CARTER INTERNE DE TURBOMACHINE EQUIPE D'UN BOULIER THERMIQUE**  
[72] ADAM, GERARD, FR  
[72] AGNERAY, XAVIER, FR  
[72] DOS SANTOS, KEVIN, FR  
[72] LE HONG, SON, FR  
[73] SNECMA, FR  
[86] (2537672)  
[87] (2537672)  
[22] 2006-02-24  
[30] FR (0501921) 2005-02-25

[11] **2,538,163**

[13] C

- [51] **Int.Cl. A61F 13/02 (2006.01)**  
[25] EN  
[54] **ELESTROSTATICALLY CHARGED NASAL APPLICATION PRODUCT WITH INCREASED STRENGTH**  
[54] **PRODUIT D'APPLICATION NASALE A CHARGE ELECTROSTATIQUE A RESISTANCE AMELIOREE**  
[72] WAHI, ASHOK L., US  
[72] SUGATHAN, KANNETH, US  
[73] TRUTEK CORP., US  
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[54] **COMPREHENSIVE IDENTIFICATION AND DESIGNATION OF WELDING PROCEDURES**  
[54] **IDENTIFICATION ET DESIGNATION EXHAUSTIVES DE PROCEDES DE SOUDAGE**  
[72] JACOVETTY, RONALD ROBERT, US  
[72] BRANT, DMITRY, US  
[73] LINCOLN GLOBAL INC., US  
[86] (2538835)  
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[30] US (60/662,013) 2005-03-15  
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[54] **MATRIX DRILL BITS AND METHOD OF MANUFACTURE**  
[54] **TREPANS DE MATRICE ET METHODE DE FABRICATION**  
[72] LADI, RAM L., US  
[72] WEAVER, GARY, US  
[72] BROWN, DAVID A., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[86] (2539525)  
[87] (2539525)  
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[25] EN  
[54] **EXERCISE WEIGHT FOR ICE SKATES**  
[54] **MASSE D'ALOURDISSEMENT A EXERCICE POUR PATINS A GLACE**  
[72] MCLEOD, DONALD ALLEN, CA  
[73] MCLEOD, DONALD ALLEN, CA  
[86] (2540898)  
[87] (2540898)  
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[25] EN  
[54] **METHOD OF REPAIRING SPLINE AND SEAL TEETH OF A MATED COMPONENT**  
[54] **METHODE DE REPARATION DE CANNELURES ET DE DENTS DE FERMETURE D'UN COMPOSANT CONNECTE**  
[72] FINTON, TROY LANCE, US  
[72] KELLY, THOMAS JOSEPH, US  
[72] LUTZ, KENNETH ERIC, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2542092)  
[87] (2542092)  
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[25] EN  
[54] **OVERLAY FOR REPAIRING SPLINE AND SEAL TEETH OF A MATED COMPONENT**  
[54] **RECouvreMENT POUR LA REPARATION DE CANNELURES ET DE DENTS DE FERMETURE D'UN COMPOSANT CONNECTE**  
[72] FINTON, TROY LANCE, US  
[72] KELLY, THOMAS JOSEPH, US  
[72] LUTZ, KENNETH ERIC, US  
[73] GENERAL ELECTRIC COMPANY, US  
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[25] EN  
[54] **USE OF METAL TRICARBONYL COMPLEXES AS RADIOTHERAPEUTIC CHEMOTOXIC AGENTS**  
[54] **UTILISATION DE COMPLEXES METAL/TRICARBONYLE EN TANT QU'AGENTS CHIMIOTOXIQUES ET RADIOTHERAPEUTIQUES**  
[72] ALBERTO, ROGER, CH  
[72] ZOBİ, FABIO, CH  
[73] UNIVERSITAET ZUERICH, CH  
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[25] EN  
[54] **INTEGRATED BLOOD TREATMENT MODULE**  
[54] **MODULE INTEGRE DE TRAITEMENT DU SANG**  
[72] DANNENMAIER, JURGEN, DE  
[72] GOEHL, HERMANN, DE  
[72] ERTL, THOMAS, DE  
[72] CHEVALLET, JACQUES, FR  
[72] RIBOLZI, FRANCESCO, IT  
[72] SEIDLER, BJORN FREDERIK, DE  
[72] JONSSON, LENNART, SE  
[72] NILSSON, EDDIE, SE  
[73] GAMBRO LUNDIA AB, SE  
[85] 2006-04-25  
[86] 2004-11-05 (PCT/EP2004/012528)  
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[54] **REMOVABLE LIGHTBANK  
EXTENSION**  
[54] **RALLONGE DEPOSABLE DE  
REFLECTEUR**  
[72] LOWE, GREGORY, US  
[73] CHIMERA COMPANY, US  
[85] 2006-04-27  
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F25D 29/00 (2006.01)**  
[25] EN  
[54] **ICE-DISPENSING ASSEMBLY  
MOUNTED WITHIN A  
REFRIGERATOR  
COMPARTMENT**  
[54] **DISTRIBUTEUR DE GLACONS  
INTEGRE A UN COMPARTIMENT  
DE REFRIGERATEUR**  
[72] DAVIS, MATTHEW WILLIAM, US  
[72] RAFALOVICH, ALEXANDER  
PINKUS, US  
[72] WILSON, MARK WAYNE, US  
[72] SUBBARAO, GAUTAM, US  
[72] TUMMALA, ANIL KUMAR, US  
[72] VENKATESAN, THIRUVALAN, US  
[72] JOSHI, ANAND GANESH, IN  
[72] UMAKANTHAN,  
HEMACHANDRAN, IN  
[72] ANIKIHINDI, SANJAY MANOHAR,  
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[73] GENERAL ELECTRIC COMPANY,  
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[86] (2544486)  
[87] (2544486)  
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[30] US (11/290,733) 2005-11-30

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[25] EN  
[54] **INFUSION SET**  
[54] **ENSEMBLE DE PERFUSION**  
[72] FANGROW, THOMAS F., JR., US  
[72] TECPHARMA LICENSING AG, CH  
[85] 2006-05-02  
[86] 2004-11-12 (PCT/US2004/037883)  
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[25] EN  
[54] **MULTIPLE-INPUT MULTIPLE-  
OUTPUT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE ENTREE  
MULTIPLE SORTIE MULTIPLE**  
[72] SUN, QINFANG, US  
[72] CHOI, WON-JOON, US  
[72] GILBERT, JEFFREY M., US  
[72] TEHRANI, ARDAVAN MALEKI, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2006-05-02  
[86] 2004-11-04 (PCT/US2004/036886)  
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[25] EN  
[54] **FRAGRANCE DETECTABLE  
WRAPPED SOAP BAR**  
[54] **EMBALLAGE DE SAVONNETTE  
PERMEABLE AU PARFUM**  
[72] BOUZAS, CAMILO, US  
[72] VAN GORDON, TODD, US  
[73] COLGATE-PALMOLIVE COMPANY,  
US  
[86] (2545039)  
[87] (2545039)  
[22] 2006-04-26

[11] **2,546,049**  
[13] C

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[25] EN  
[54] **SEALANT ASSEMBLIES AND  
METHODS**  
[54] **ENSEMBLES ET METHODES  
D'ETANCHEITE**  
[72] JANOSKI, RONALD J., US  
[72] RUNDO, MARK C., US  
[72] KARAS, JONATHAN A., US  
[73] WTT SYSTEMS, LLC, US  
[86] (2546049)  
[87] (2546049)  
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[30] US (11/128,779) 2005-05-13

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[25] EN  
[54] **DYNAMIC TIMEOUT IN A  
CLIENT-SERVER SYSTEM**  
[54] **TEMPORISATION DYNAMIQUE  
DANS UN SYSTEME CLIENT-  
SERVEUR**  
[72] ZAVALKOVSKY, ARTHUR, IL  
[72] STIEGLITZ, JEREMY, US  
[73] CISCO TECHNOLOGY, INC., US  
[85] 2006-05-18  
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[25] EN

[54] **MODULATORS OF NIK-SIVA COMPLEX FORMATION FOR TREATING IMMUNE DISORDERS**

[54] **PROCEDES ET AGENTS POUR METTRE EN OEUVRE UNE MODULATION IMMUNITAIRE ET PROCEDES D'IDENTIFICATION DE MODULATEURS IMMUNITAIRES**

[72] WALLACH, DAVID, IL

[72] RAMAKRISHNAN, PARAMESWARAN, IL

[72] WANGXIA, WANG, CN

[72] SHMUSHKOVICH, TAISIA, IL

[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD, IL

[85] 2006-05-26

[86] 2004-11-30 (PCT/IL2004/001095)

[87] (WO2005/051423)

[30] IL (159133) 2003-11-30

[30] IL (163250) 2004-07-28

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[54] **A SELF-CONDENSING PH SENSOR**

[54] **DETECTEUR DE PH A AUTOCONDENSATION**

[72] WOLF, ERICH, US

[73] SIERRA MEDICAL TECHNOLOGY, INC., US

[85] 2006-05-25

[86] 2004-11-16 (PCT/US2004/038333)

[87] (WO2005/053770)

[30] US (10/725,920) 2003-12-01

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[25] EN

[54] **ASSAY KIT FOR DETECTING ANALYTES OF INTEREST IN SAMPLES**

[54] **TROUSSE POUR EPREUVES PERMETTANT LA DETECTION D'ANALYSTES D'INTERET DANS DES ECHANTILLONS**

[72] RAJ, BALBIR, GB

[73] ALERE SWITZERLAND GMBH, CH

[85] 2006-06-01

[86] 2004-12-10 (PCT/GB2004/005146)

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[25] EN

[54] **JOINT ARRANGEMENT WITH HEATABLE JOINT BOLT**

[54] **JOINT D'ETANCHEITE AVEC BOULON FOURCHU POUVANT ETRE CHAUFFE**

[72] SPRAVE, RAINER, DE

[73] VOITH TURBO SCHARFENBERG GMBH & CO. KG, DE

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[25] EN

[54] **METHOD AND SYSTEM FOR ENHANCED DATA SEARCHING**

[54] **PROCEDE ET SYSTEME POUR UNE RECHERCHE AMELIOREE DE DONNEES**

[72] MARCHISIO, GIOVANNI, B., US

[72] KOPERSKI, KRZYSZTOF, US

[72] LIANG, JISHENG, US

[72] MURUA, ALEJANDRO, US

[72] NGUYEN, THIEN, US

[72] TUSK, CARSTEN, US

[72] DHILLON, NAVDEEP, S., US

[72] POCHMAN, LUBOS, US

[73] EVRI INC., US

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[25] EN

[54] **INSTALLATION WITH SUPPORT MEANS FOR DRIVING A LIFT CAGE, AND CORRESPONDING SUPPORT MEANS**

[54] **INSTALLATION A DISPOSITIF DE SUPPORT POUR L'ENTRAINEMENT D'UNE CABINE D'ASCENSEUR ET DISPOSITIF DE SUPPORT CONNEXE**

[72] ACH, ERNST, CH

[73] INVENTIO AG, CH

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[54] **BIOCHIP ELECTROPORATOR AND ITS USE IN MULTI-SITE, SINGLE-CELL ELECTROPORATION**  
[54] **ELECTROPORATEUR A BIOPUCE ET UTILISATION DE CELUI-CI DANS L'ELECTROPORATION DE CELLULE UNIQUE DANS DES SITES MULTIPLES**  
[72] VASSANELLI, STEFANO, IT  
[72] CELLERE, GIORGIO, IT  
[72] BORGIO, MAURO, IT  
[72] BANDIERA, LEONARDO, IT  
[73] NARVALUS S.R.L., IT  
[85] 2006-07-19  
[86] 2004-01-29 (PCT/EP2004/000789)  
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[25] EN  
[54] **GAS PURIFICATION APPARATUS AND PROCESS USING BIOFILTRATION AND ENZYMATIC REACTIONS**  
[54] **APPAREIL POUR PURIFIER DU GAZ ET PROCEDE BASE SUR LA BIOFILTRATION ET DES REACTIONS ENZYMATIQUES**  
[72] PARENT, CARMEN, CA  
[72] LEPINE, RICHARD, CA  
[72] FRADETTE, SYLVIE, CA  
[72] BARRY, ALPHA, CA  
[73] FPINNOVATIONS, CA  
[73] CO2 SOLUTIONS INC., CA  
[86] (2554395)  
[87] (2554395)  
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[13] C

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[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO SIFTING SCREENS**  
[54] **AMELIORATIONS APORTEES A DES CRIBLES**  
[72] ROBERTSON, GRAHAM ALEXANDER, GB  
[73] UNITED WIRE LIMITED, GB  
[85] 2006-07-31  
[86] 2005-12-14 (PCT/GB2005/004814)  
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[25] EN  
[54] **PROCESS FOR THE SYNTHESIS OF A CXCR4 ANTAGONIST**  
[54] **PROCEDE DE SYNTHESE D'UN ANTAGONISTE DE CXCR4**  
[72] BAIRD, IAN R., CA  
[72] CHEN, GANG, CA  
[72] CRAWFORD, JASON B., CA  
[72] GAUTHIER, DAVID, CA  
[72] SKERLJ, RENATO, CA  
[72] WILSON, TREVOR R., CA  
[73] GENZYME CORPORATION, US  
[85] 2006-08-29  
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[25] EN  
[54] **DELIVERY OF FUNCTIONAL INGREDIENTS**  
[54] **APPORT D'INGREDIENTS FONCTIONNELS**  
[72] WANG, JUNKUAN, CH  
[72] BERTHOLET, RAYMOND, CH  
[72] WATZKE, HERIBERT JOHANN, CH  
[72] DUCRET, PIERRE, CH  
[72] BUCHELI, PETER, CN  
[73] NESTEC S.A., CH  
[85] 2006-09-13  
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[13] C

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[25] EN  
[54] **AIR PRESSURE MONITORING SYSTEM OF VEHICLE TIRE AND IDENTIFICATION METHOD OF VEHICLE TIRE**  
[54] **SYSTEME DE SURVEILLANCE DE PRESSION D'AIR DE PNEU AUTOMOBILE ET PROCEDE D'IDENTIFICATION DE PNEU AUTOMOBILE**  
[72] LI, WEI, CN  
[72] CHEN, HONGLING, CN  
[73] SHANGHAI BAOLONG AUTOMOTIVE CORPORATION, CN  
[85] 2006-09-15  
[86] 2005-05-16 (PCT/CN2005/000676)  
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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01)**  
[25] EN  
[54] **MEDICAL INFUSION PUMP WITH CLOSED LOOP STROKE FEEDBACK SYSTEM AND METHOD**  
[54] **POMPE A PERFUSION MEDICALE COMPRENANT UN SYSTEME ET UN PROCEDE DE RETROACTION EN BOUCLE FERMEE**  
[72] LAWLESS, MICHAEL W., US  
[72] FATHALLAH, MARWAN A., US  
[72] SALEKI, MANSOUR A., US  
[72] KIDD, BRIAN A., US  
[72] ABRAHAMSON, KENT D., US  
[72] BOYD, ROBERT R., US  
[72] GREENE, HOWARD A., US  
[72] COUSINEAU, ROBERT P., US  
[73] HOSPIRA, INC., US  
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[25] EN  
[54] **FAST HANDOFF USING GPS TECHNOLOGY FOR MOBILE TELEMATICS**  
[54] **TRANSFERT RAPIDE PAR TECHNOLOGIE GPS EN TELEMATIQUE MOBILE**  
[72] DUTTA, ASHUTOSH, US  
[72] CHEN, WAI, US  
[72] ALTINTAS, ONUR, US  
[72] MADHANI, SUNIL, US  
[72] SUWA, YOSHIHISA, JP  
[72] CAI, SHENGWEL, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[73] TOYOTA INFO TECHNOLOGY CENTER CO., LTD., JP  
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[25] EN  
[54] **TEMPERATURE LIMITED HEATERS WITH THERMALLY CONDUCTIVE FLUID USED TO HEAT SUBSURFACE FORMATIONS**  
[54] **DISPOSITIFS DE CHAUFFAGE A TEMPERATURE LIMITEE COMPRENANT UN LIQUIDE THERMIQUEMENT CONDUCTEUR UTILISES POUR CHAUFFER DES FORMATIONS SOUTERRAINES**  
[72] HARRIS, CHRISTOPHER KELVIN, US  
[72] VINEGAR, HAROLD J., US  
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2006-10-18  
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[51] **Int.Cl. F42B 5/18 (2006.01) F41A 21/12 (2006.01) F42B 5/10 (2006.01) F42B 5/184 (2006.01) F42B 14/00 (2006.01) F42B 14/04 (2006.01) F42B 30/02 (2006.01) F42C 19/085 (2006.01)**  
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[54] **A PROJECTILE**  
[54] **PROJECTILE**  
[72] HARRISON, LESLIE MERVYN, AU  
[73] TECHVENTURE INVESTMENTS PTY LTD, AU  
[85] 2006-09-26  
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[54] **ARRETOIR PLASTIQUE MONOBLOC AVEC ELEMENT DE CONTROLE D'EAU INTEGRE**  
[72] ROUSH, GREG, US  
[72] JABRA, PAUL, US  
[72] MARSHICK, LEN, US  
[72] WALLACE, DON, US  
[72] TARPINIAN, GREGG, US  
[72] RUFENACHT, RICK, US  
[73] COOPER-STANDARD AUTOMOTIVE INC., US  
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[25] FR  
[54] **ANTI-CHIMNEY-EFFECT JACKET**  
[54] **VESTE ANTI-"EFFET CHEMINEE"**  
[72] THIRIOT, LAURENT, FR  
[73] KERMEL, FR  
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[25] EN  
[54] **SYSTEM FOR DISPENSING PAPER IN A CORELESS ROLL, METHOD OF MANUFACTURING A ROLL OF THIS TYPE, AND ROLL OF PAPER**  
[54] **SYSTEME DE DISTRIBUTION DU PAPIER D'UN ROULEAU SANS MANDRIN, METHODE DE FABRICATION D'UN ROULEAU DE CE TYPE, ET ROULEAU DE PAPIER**  
[72] CATTACIN, GILLES, FR  
[72] NEVEU, JEAN-LOUIS, FR  
[72] POMMIER, NICOLAS, FR  
[73] GEORGIA-PACIFIC FRANCE, FR  
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[25] EN  
[54] **STRUCTURAL UNITS ADAPTABLE TO PREEXISTING CHASSIS AND VEHICLE ASSEMBLED THEREFROM**  
[54] **ELEMENTS STRUCTURAUX ADAPTABLES A UN CHASSIS PREEXISTANT ET VEHICULE ASSEMBLE RESULTANT**  
[72] FILION, PASCAL, CA  
[72] GARAND, JIMMY, CA  
[72] CHAREST, CARL, CA  
[72] BESSETTE, JEAN, CA  
[72] BLIER, MICHEL, CA  
[72] GAUCHER, FRANCOIS, CA  
[72] LEBEUF, JEAN-FRANCOIS, CA  
[73] CORPORATION MICRO BIRD INC., CA  
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[54] **MULTI CONFIGURATION DISTRIBUTION SYSTEM FOR A DRILL OR THE LIKE**  
[54] **SYSTEME DE REPARTITION A CONFIGURATION MULTIPLE POUR TREPAN OU DISPOSITIF SEMBLABLE**  
[72] AUDETTE, PATRICK, CA  
[73] AUDETTE, PATRICK, CA  
[86] (2566248)  
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[54] **COLONNE D'ELECTRODES**  
[72] MCCAFFREY, FELIM P., CA  
[72] NAKATSU, BLAIR K., CA  
[72] VOERMANN, NILS W., CA  
[72] DARINI, MAURIZIO, CA  
[72] SOUTHALL, SEAN D., CA  
[73] HATCH LTD., CA  
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[54] **LOCATOR AND DELIVERY DEVICE AND METHOD OF USE**  
[54] **DISPOSITIF DE POSITIONNEMENT ET DE DEGAGEMENT ET PROCEDE D'UTILISATION**  
[72] GINN, RICHARD S., US  
[73] ENSURE MEDICAL, INC., US  
[85] 2006-11-14  
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[25] EN  
[54] **LIQUID COMPOSITION, PROCESS FOR ITS PRODUCTION, AND PROCESS FOR PRODUCING MEMBRANE-ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELLS**  
[54] **COMPOSITION LIQUIDE, METHODE DE PRODUCTION DE LADITE COMPOSITION LIQUIDE ET METHODE DE PRODUCTION D'ASSEMBLAGE MEMBRANE-ELECTRODE POUR PILES A COMBUSTIBLE A ELECTROLYTE POLYMERE**  
[72] KAWAZOE, HISAO, JP  
[72] ENDOH, EIJI, JP  
[72] NAKAGAWA, HIDEKI, JP  
[73] ASAHI GLASS COMPANY, LIMITED, JP  
[85] 2006-11-17  
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[54] **SYSTEM AND METHOD FOR DISSEMINATING COLOR INK AND COLORANT FORMULAS**  
[54] **SYSTEME ET PROCEDE DE DISSEMINATION D'ENCRE COLOREE ET FORMULES COLORANTES**  
[72] RICH, DANNY, US  
[73] SUN CHEMICAL CORPORATION, US  
[85] 2006-11-20  
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[54] **SUPPORTING IDLE MODE OF MOBILE STATION IN WIRELESS ACCESS SYSTEM**  
[54] **PRISE EN CHARGE DU MODE AU REPOS D'UNE STATION MOBILE DANS UN SYSTEME D'ACCES SANS FIL**  
[72] RYU, GI SEON, KR  
[72] KIM, BEOM JOON, KR  
[72] KIM, YONG HO, KR  
[72] KWAK, YONG WON, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2006-11-27  
[86] 2005-06-07 (PCT/KR2005/001699)  
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[25] EN  
[54] **APPARATUS AND METHOD FOR INCREASING ICE PRODUCTION RATE**  
[54] **APPAREIL ET METHODE POUR AUGMENTER LE TAUX DE PRODUCTION DE GLACE**  
[72] COOK, DAVID, US  
[72] JANARDHANAM, RAMESH, US  
[72] VENKATAKRISHNAN, VENKAT N., US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2568878)  
[87] (2568878)  
[22] 2006-11-24  
[30] US (11/495281) 2006-07-28

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[51] **Int.Cl. G02B 6/42 (2006.01)**  
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[54] **OPTICAL FERRULE**  
[54] **FERRULE OPTIQUE**  
[72] MAJ, TOMASZ, CA  
[72] ROLSTON, DAVID ROBERT CAMERON, CA  
[73] REFLEX PHOTONIQUE INC./REFLEX PHOTONICS INC., CA  
[85] 2006-11-30  
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[51] **Int.Cl. H01B 5/10 (2006.01) H01B 13/02 (2006.01)**  
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[54] **CABLE AND METHOD OF MAKING THE SAME**  
[54] **CABLE ET SON PROCEDE DE FABRICATION**  
[72] JOHNSON, DOUGLAS E., US  
[72] MCCULLOUGH, COLIN, US  
[72] KOSEK, ZDZISLAW M., CA  
[73] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2006-12-05  
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[51] **Int.Cl. C09D 127/08 (2006.01) B32B 15/08 (2006.01) B32B 27/28 (2006.01) C08J 7/04 (2006.01) C08L 27/08 (2006.01)**  
[25] EN  
[54] **POLYVINYLIDENE CHLORIDE COATING, PROCESS FOR PRODUCING A COATING AND USE THEREOF**  
[54] **REVETEMENT A BASE DE POLYCHLORURE DE VINYLIDENE, SON PROCEDE DE PRODUCTION ET SON UTILISATION**  
[72] MUENSTER, JOCHEN, CH  
[72] JENNI, HANS-JOERG, CH  
[73] KLOECKNER PENTAPLAST GMBH & CO. KG, DE  
[85] 2006-12-06  
[86] 2005-06-21 (PCT/EP2005/006665)  
[87] (WO2006/000375)  
[30] DE (10 2004 030 981.7) 2004-06-26

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[51] **Int.Cl. A61F 11/00 (2006.01)**  
[25] EN  
[54] **TISSUE PROSTHESIS PROCESSING TECHNOLOGY**  
[54] **TECHNIQUE DE TRAITEMENT DE PROTHESES TISSULAIRES**  
[72] SOKEL, JUSTIN, US  
[73] MACHINE SOLUTIONS, INC., US  
[85] 2006-12-08  
[86] 2005-06-16 (PCT/US2005/021301)  
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[30] US (60/580,244) 2004-06-16

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[13] C  
[51] **Int.Cl. C12N 15/63 (2006.01)**  
[25] EN  
[54] **PLASMID HAVING THREE COMPLETE TRANSCRIPTIONAL UNITS AND IMMUNOGENIC COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE TO HIV**  
[54] **PLASMIDE POSSEDANT TROIS UNITES DE TRANSCRIPTION COMPLETES ET COMPOSITIONS IMMUNOGENES PERMETTANT D'INDUIRE UNE REPOSE IMMUNE AU VIH**  
[72] SIDHU, MANINDER K., US  
[72] ELDRIDGE, JOHN H., US  
[72] EGAN, MICHAEL, US  
[72] ISRAEL, ZIMRA, US  
[73] WYETH, US  
[85] 2006-12-11  
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[30] US (60/580,438) 2004-06-17  
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[25] EN  
[54] **REINFORCED STERILISING PACKAGING MATERIAL AND PACKAGING COUNTERING SAID MATERIAL**  
[54] **MATERIAU D'EMBALLAGE DE STERILISATION RENFORCE ET EMBALLAGE LE COMPRENANT**  
[72] PARIS-JOLLY, AGNES, FR  
[72] SIMON, CHRISTOPHE, FR  
[73] ARJOWIGGINS HEALTHCARE, FR  
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[54] **INHIBITORS OF IAP**  
[54] **INHIBITEURS DE PAI**  
[72] COHEN, FREDERICK, US  
[72] DESHAYES, KURT, US  
[72] FAIRBROTHER, WAYNE J., US  
[72] FENG, BAINIAN, US  
[72] FLYGARE, JOHN, US  
[72] GAZZARD, LEWIS J., US  
[72] TSUI, VICKIE HSIAO-WEI, US  
[73] GENENTECH, INC., US  
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[54] **RACCORD REUTILISABLE POUR TUBE ONDULE**  
[72] TREICHEL, STEVEN A., US  
[72] MILLER, MARK, US  
[73] OMEGA FLEX, INC., US  
[85] 2006-12-19  
[86] 2005-06-24 (PCT/US2005/022869)  
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[25] EN  
[54] **MOTION CONTROLLING HINGE FOR ORTHOPEDIC BRACE**  
[54] **CHARNIERE DE COMMANDE DE MOUVEMENT POUR UN APPAREIL ORTHOPEDIQUE**  
[72] SELIGMAN, SCOTT, US  
[73] DJO, LLC, US  
[85] 2006-12-21  
[86] 2005-06-21 (PCT/US2005/021759)  
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[30] US (60/583,252) 2004-06-24  
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[54] **APPARENT DIP ANGLE CALCULATION AND IMAGE COMPRESSION BASED ON REGION OF INTEREST**  
[54] **CALCUL D'ANGLE D'INCLINAISON APPARENT ET COMPRESSION D'IMAGE BASEE SUR UNE REGION CIBLE**  
[72] HASSAN, GAMAL A., US  
[72] KURKOSKI, PHILIP L., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2007-01-10  
[86] 2005-07-14 (PCT/US2005/024975)  
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[54] **HAZARDOUS LOCATION SEALING GLAND**  
[54] **PRESSE-ETOUPE D'ETANCHEITE POUR EMPLACEMENT DANGEREUX**  
[72] BARNHARD, GARY A., US  
[72] MARINACCIO, PAUL, US  
[72] PALUCH, RICHARD C., US  
[73] CONAX BUFFALO TECHNOLOGIES LLC, US  
[86] (2573883)  
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[22] 2007-01-12  
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[51] **Int.Cl. G06K 9/00 (2006.01)**  
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[54] **IMAGE PROCESSING AND ANALYSIS OF ARRAY DATA**  
[54] **TRAITEMENT D'IMAGES ET ANALYSE DE DONNEES MATRICIELLES**  
[72] XIONGWU, XIA, US  
[72] YIPING, GUAN, US  
[73] BIOARRAY SOLUTIONS LTD., US  
[85] 2007-01-15  
[86] 2005-06-28 (PCT/US2005/023193)  
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[25] EN  
[54] **ADJUSTING DEVICE FOR A PNEUMATIC DISC BRAKE**  
[54] **DISPOSITIF DE REGLAGE POUR UN FREIN A DISQUE A ACTIONNEMENT PNEUMATIQUE**  
[72] IRASCHKO, JOHANN, DE  
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE  
[85] 2007-01-26  
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[51] **Int.Cl. G06F 19/00 (2011.01) A63F 13/12 (2006.01) G06F 9/46 (2006.01)**  
[25] EN  
[54] **PERSISTENT, IMMERSIBLE AND EXTRACTABLE AVATARS**  
[54] **AVATARS CONSTANTS, IMMERGEABLES ET EXTRACTIBLES**  
[72] TOBIAS, RICHARD LYNN, US  
[73] ELITE AVATARS, LLC, US  
[85] 2007-02-01  
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[51] **Int.Cl. A61L 24/04 (2006.01) C08G 18/00 (2006.01)**  
[25] EN  
[54] **A MOISTURE CURABLE, ISOCYANATE-FUNCTIONAL MEDICAL ADHESIVE AND METHODS OF TISSUE ADHESION**  
[54] **ADHESIF MEDICAL A BASE D'ISOCYANATE DURCISSABLE HUMIDE ET METHODES D'ADHESION AU TISSUS**  
[72] BECKMAN, ERIC J., US  
[72] BUCKLEY, MICHAEL, US  
[72] AGARWAL, SUDHA, US  
[72] ZHANG, JIANYING, US  
[73] UNIVERSITY OF PITTSBURGH, US  
[85] 2006-11-24  
[86] 2004-05-27 (PCT/US2004/016767)  
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[51] **Int.Cl. C07C 233/22 (2006.01) A61K 31/165 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **PARA-ALKYL-SUBSTITUTED N-(4-HYDROXY-3-METHOXYBENZYL)-CINNAMIC ACID AMIDES AND THE USE THEREOF FOR THE PREPARATION OF MEDICINAL DRUGS**  
[54] **N-(4-HYDROXY-3-METHOXY-BENZYL)-AMIDES D'ACIDE CINNAMIQUE A SUBSTITUTION PARA-ALKYLE ET LEUR UTILISATION POUR LA FABRICATION DE MEDICAMENTS**  
[72] KUEHNERT, SVEN, DE  
[72] FRANK, ROBERT, DE  
[72] JOSTOCK, RUTH, DE  
[73] GRUENENTHAL GMBH, DE  
[85] 2007-02-07  
[86] 2005-08-08 (PCT/EP2005/053898)  
[87] (WO2006/018406)  
[30] DE (10 2004 039 373.7) 2004-08-12

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[51] **Int.Cl. F27B 21/06 (2006.01) C22B 1/20 (2006.01) F27B 21/10 (2006.01) F27D 3/00 (2006.01)**  
[25] EN  
[54] **FEEDING DEVICE FOR A BELT-TYPE SINTERING MACHINE**  
[54] **DISPOSITIF D'ALIMENTATION POUR UNE MACHINE DE FRITTAGE EN BANDE**  
[72] PAMMER, OSKAR, AT  
[72] STIASNY, HANS, AT  
[72] LAABER, KARL, AT  
[73] SIEMENS VAI METALS TECHNOLOGIES GMBH, AT  
[85] 2007-02-07  
[86] 2005-07-12 (PCT/EP2005/007528)  
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[30] AT (A 1325/2004) 2004-08-02

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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 80/10 (2009.01)**  
[25] EN  
[54] **FIXED-MOBILE COMMUNICATIONS WITH MID-SESSION MODE SWITCHING**  
[54] **COMMUNICATIONS FIXES-MOBILES AVEC COMMUTATION DE MODE DE MI-SESSION**  
[72] SINNREICH, HEINRICH, US  
[72] JOHNSTON, ALAN B., US  
[73] VERIZON BUSINESS GLOBAL LLC, US  
[85] 2007-02-12  
[86] 2005-08-15 (PCT/US2005/029009)  
[87] (WO2006/020977)  
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[51] **Int.Cl. H04B 1/12 (2006.01) H04B 3/32 (2006.01) H04L 27/26 (2006.01)**  
[25] EN  
[54] **INTERFERENCE CANCELLATION SYSTEM**  
[54] **SYSTEME DE SUPPRESSION D'INTERFERENCES**  
[72] CIOFFI, JOHN M., US  
[73] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC, US  
[85] 2007-02-16  
[86] 2005-08-10 (PCT/IB2005/002318)  
[87] (WO2006/051359)  
[30] US (10/922,705) 2004-08-20

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[13] C  
[51] **Int.Cl. C08L 63/00 (2006.01) H01L 23/29 (2006.01) H01L 23/31 (2006.01)**  
[25] EN  
[54] **EPOXY RESIN COMPOSITION FOR SEMICONDUCTOR SEALING AGENTS AND EPOXY RESIN MOLDING MATERIAL**  
[54] **COMPOSITION DE RESINE EPOXY POUR AGENTS D'ETANCHEITE SEMI-CONDUCTEURS ET MATERIAU DE MOULAGE DE RESINE EPOXY**  
[72] YAMAGUCHI, KATSUMI, JP  
[72] NAKAJIMA, NOBUMASA, JP  
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[54] **IMPROVED MICRO-ELECTRICAL-MECHANICAL VARIABLE CAPACITOR DEVICE AND METHOD OF MAKING SAME**  
[54] **DISPOSITIF CONDENSATEUR VARIABLE MICROELECTROMECHANIQUE AMELIORE ET PROCEDE DE FABRICATION DUDIT DISPOSITIF**  
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[72] NAKAHIRA, RON K, US  
[72] PARK, JOON, US  
[72] TRAN, BRIAN H., US  
[73] RAYTHEON COMPANY, US  
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[72] PRAIS, EUGENE, US  
[73] DJO INCORPORATED, US  
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[54] **DISPOSITIF ET PROCEDE D'EMBALLAGE SOUS FORME DE BLOC D'UN ADHESIF THERMOFUSIBLE GAINE**  
[72] BURRIEZ, HERVE, FR  
[72] GROVER, PAUL, US  
[73] BOSTIK SA, FR  
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[54] **REVETEMENT REFLECHISSANT BLANC POUR MEMBRANE EN BITUME MODIFIEE**  
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[72] DE SOUTO, MICHAEL, US  
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US  
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[54] **PULSED ELECTRIC ROCK DRILLING, FRACTURING, AND CRUSHING METHODS AND APPARATUS**  
[54] **PROCEDES ET DISPOSITIF DE FORAGE, DE FRACTURATION ET DE CONCASSAGE DE ROCHES A COURANT PULSE**  
[72] MOENY, WILLIAM, US  
[72] HILL, GILMAN, US  
[73] SDG, LLC, US  
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[54] **MISE A JOUR ACTIVE (ASU) AVEC INFORMATION (HS-DSCH) DE VOIE DE TRANSMISSION PARTAGEE EN LIAISON DESCENDANTE A HAUTE VITESSE**  
[72] VUORINEN, PETRI, FI  
[72] NAUHA, JUKKA, FI  
[72] PIRSKANEN, JUHO, FI  
[73] CORE WIRELESS LICENSING S.A.R.L., LU  
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[54] **DISPOSITION DE TRANSMISSION A CHANGEMENT DE VITESSE POUR VEHICULE AMPHIBIE**  
[72] LONGDILL, SIMON JAMES, NZ  
[72] WEEKERS, HANS, NZ  
[72] BRIGGS, STEPHEN JOHN, NZ  
[72] JEFFERY, GLEN MICHAEL, NZ  
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[54] **PROCESS AND PLANT FOR PRODUCING TITANIA SLAG FROM ILMENITE**  
[54] **PROCEDE ET INSTALLATION POUR PRODUIRE DU LAITIER D'OXYDE DE TITANE A PARTIR D'ILMENITE**  
[72] JOKINEN, PETRI, FI  
[72] BEYZAVI, ALI-NAGHI, DE  
[72] FORMANEK, LOTHAR, DE  
[73] OUTOTEC OYJ, FI  
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[54] **APPAREIL ET PROCEDE DE DISTRIBUTION ET D'APPLICATION DE PORTIONS MAGNETISEES SOUPLES**  
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[54] **RESERVOIR DE DETENTE A DOUBLE DIAPHRAGME**  
[72] LOMBARI, ROBERT, US  
[72] VAN HOUTEN, DAVID, US  
[73] FLEXCON INDUSTRIES, US  
[85] 2007-04-11  
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[54] **ENCEINTE DE CONTENTION POUR L'AQUACULTURE DE POISSONS A NAGEOIRES**  
[72] PAGE, STEPHEN H., US  
[73] OCEAN FARM TECHNOLOGIES, INC., US  
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[72] FELLINGER, MICHAEL, AT  
[72] ORTHNER, ERNST, AT  
[72] SIORPAES, ROBERT, AT  
[73] ALPHAMED MEDIZINTECHNIK FISCHER GMBH, AT  
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[54] **MANUFACTURE PROCESS OF ORGANIC COMPOUNDS**  
[54] **PROCEDE DE PRODUCTION DE COMPOSES ORGANIQUES**  
[72] RISS, BERNHARD, FR  
[73] NOVARTIS AG, CH  
[85] 2007-05-11  
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[54] **SYSTEM FOR AND METHOD OF BATCH ANALYSIS AND OPTIMIZATION FOR GLASS MANUFACTURING**  
[54] **SYSTEME ET PROCEDE POUR ANALYSER UN MELANGE VITRIFIABLE ET POUR OPTIMISER LA FABRICATION DU VERRE**  
[72] LEHMAN, RICHARD L., US  
[72] BLASLAND, WARREN, JR., US  
[73] CULCHROME, LLC, US  
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[54] **METHOD FOR PRODUCING ANNELATED PIPERAZIN-2-ONE DERIVATIVES AND INTERMEDIATES OF SAID METHOD**  
[54] **PROCEDE POUR PRODUIRE DES DERIVES DE PIPERAZINE-2-ONE RECUITS ET PRODUITS INTERMEDIAIRES OBTENUS SELON CE PROCEDE**  
[72] DURAN, ADIL, DE  
[72] LINZ, GUENTER, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2007-05-28  
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[25] EN  
[54] **HIGH VOLTAGE DISCONNECTING SWITCH CONTROL**  
[54] **COMMANDE DE SECTIONNEUR HAUTE TENSION**  
[72] LALONGE, PATRICK, CA  
[73] ENERGIE H.T. INTERNATIONAL INC., CA  
[86] (2589410)  
[87] (2589410)  
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[25] FR  
[54] **COMPLEX PARTITION GLASS CONSISTING OF AT LEAST TWO ADJACENT GLASS ELEMENTS, AND METHOD FOR PRODUCING SAID COMPLEX PARTITION GLASS**  
[54] **VITRAGE COMPLEXE CONSTITUE D'AU MOINS DEUX ELEMENTS VITRES CONTIGUS ET PROCEDE DE REALISATION DE CE VITRAGE COMPLEXE.**  
[72] LECONTE, JEAN-GERARD, FR  
[72] TOMBETTE, YANN, FR  
[73] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2007-06-14  
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[54] **DETECTION DE MUTATIONS D'ACIDES NUCLEIQUES**  
[72] ARNOLD, CATHERINE, GB  
[73] SECRETARY OF STATE FOR HEALTH, GB  
[85] 2007-06-20  
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[54] **WATER-DISPERSIBLE XANTHAN GUM CONTAINING COMPOSITION**  
[54] **COMPOSITION A BASE DE GOMME XANTHANE DISPERSABLE DANS L'EAU**  
[72] FARHAT, IMAD AKIL, GB  
[72] HILL, SANDRA ELIZABETH, GB  
[72] MITCHELL, JOHN RICHARD, GB  
[72] SCHARF, UDO, DE  
[72] SERENO, NUNO MIGUEL FERNANDES DIOGO, PT  
[72] STOLZ, PETER, DE  
[73] CSM NEDERLAND B.V., NL  
[73] THE UNIVERSITY OF NOTTINGHAM, GB  
[85] 2007-06-15  
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[30] GB (PCT/GB2004/005284) 2004-12-15

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[25] FR  
[54] **ROTARY MOVEMENT MIXER FOR A CONFLUENT FLOW NOZZLE OF A TURBINE ENGINE**  
[54] **MELANGEUR A MOUVEMENT GIRATOIRE POUR TUYERE A FLUX CONFLUENTS DE TURBOMACHINE**  
[72] DUSSILLOLS, LAURENT CHRISTOPHE, FR  
[72] VUILLEMIN, ALEXANDRE ALFRED GASTON, FR  
[73] SNECMA, FR  
[86] (2592272)  
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[54] **ELECTROLYTIC CELL WITH SEGMENTED AND MONOLITHIC ELECTRODE DESIGN**

[54] **CELLULE D'ELECTROLYSE COMPRENANT UNE STRUCTURE D'ELECTRODE SEGMENTEE ET MONOLITHIQUE**

[72] BECKMANN, ROLAND, DE  
[72] DULLE, KARL-HEINZ, DE  
[72] FUNCK, FRANK, DE  
[72] KIEFER, RANDOLF, DE  
[72] WOLTERING, PETER, DE  
[73] UHDENORA S.P.A., IT  
[85] 2007-07-06  
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[54] **[4-(HETEROARYL) PIPERAZIN-1-YL]-(2,5-SUBSTITUED - PHENYL)METHANONE DERIVATIVES AS GLYCINE TRANSPORTER 1 (GLYT-1) INHIBITORS FOR THE TREATMENT OF NEUROLOGICAL AND NEUROPSYCHIATRIC DISORDERS**

[54] **DERIVES DE [4-(HETEROARYLE) PIPERAZINE-1-YL]-(-PHENYLE SUBSTITUE 2,5)METHANONE UTILISES EN TANT QU'INHIBITEURS DU TRANSPORTEUR DE LA GLYCINE 1 (GLYT-1) DANS LE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET NEUROPSYCHIATRIQUES**

[72] JOLIDON, SYNESE, CH  
[72] NARQUIZIAN, ROBERT, FR  
[72] NORCROSS, ROGER DAVID, CH  
[72] PINARD, EMMANUEL, FR  
[73] F. HOFFMANN-LA ROCHE AG, CH  
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[54] **A COVERING SYSTEM**

[54] **SYSTEME DE COUVERTURE**

[72] CUTLER, DANIEL, CH  
[73] CUTLER, DANIEL, CH  
[85] 2007-06-21  
[86] 2005-12-21 (PCT/GB2005/004973)  
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[30] GB (0427994.9) 2004-12-21  
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[54] **MODULAR HEAT EXCHANGER**

[54] **ECHANGEUR DE CHALEUR MODULAIRE**

[72] NELSON, WAYNE, US  
[72] NELSON, GLEN, GB  
[72] SWIFT, JASON, GB  
[73] MODULAR HEAT EXCHANGERS LIMITED, GB  
[85] 2007-07-06  
[86] 2006-01-05 (PCT/GB2006/000003)  
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[54] **VALNEMULIN SALTS WITH ORGANIC ACIDS**

[54] **SELS DE VALNEMULINE CONTENANT DES ACIDES ORGANIQUES**

[72] MACHER, INGOLF, AT  
[72] GEISSLER, ANNETT, DE  
[72] WIELAND-BERGHAUSEN, SUSANNE CHRISTINE, DE  
[72] SCHOTE, UWE THOMAS, CH  
[72] RAKOCZI, FERENC JOZSEF, CH  
[73] NOVARTIS AG, CH  
[85] 2007-07-11  
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[54] **SECURING CATALYST ELEMENT IN CATALYTIC CONVERTER WITH BOLTED BAR**

[54] **FIXATION D'ELEMENT DE CONVERTISSEUR CATALYTIQUE AVEC UNE BARRE BOULONNEE**

[72] AHMED, MEHMOOD, CA  
[73] SILEX INNOVATIONS INC., CA  
[86] (2595155)  
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[25] EN

[54] **PROCESS FOR CRACKING A HYDROCARBON FEEDSTOCK COMPRISING A HEAVY TAIL**

[54] **PROCEDE DE CRAQUAGE D'UNE CHARGE D'ALIMENTATION EN HYDROCARBURE COMPRENANT UN PRODUIT DE QUEUE LOURD**

[72] OVERWATER, JACOBUS ARIE SCHILLEMANN, NL  
[72] VAN DER EIJK, JOHANNES PIETER, NL  
[73] TECHNIP FRANCE, FR  
[85] 2007-07-20  
[86] 2006-01-20 (PCT/NL2006/000030)  
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[25] EN

[54] **METHOD OF COLORING A CONTACT LENS**

[54] **PROCEDE DE COLORATION D'UNE LENTILLE DE CONTACT**

[72] STREIBIG, DANIEL G., US  
[73] JOHNSON & JOHNSON VISION CARE, INC., US  
[85] 2007-07-20  
[86] 2006-01-12 (PCT/US2006/000974)  
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[25] EN  
[54] **THE COMBINATION OF ANTICHOLINERGICS AND LEUKOTRIENE RECEPTOR ANTAGONISTS FOR THE TREATMENT OF RESPIRATORY DISEASES**  
[54] **COMBINAISON D'ANTICHOLINERGIQUES ET D'ANTAGONISTES DE RECEPTEUR DE LEUKOTRIENE PERMETTANT DE TRAITER LES MALADIES RESPIRATOIRES**  
[72] MAUS, JOACHIM, DE  
[72] FYRNYS, BEATRIX, DE  
[72] HOFFMANN, TORSTEN, DE  
[72] WEINGART, MARIO, DE  
[72] SZELENYI, ISTVAN, DE  
[72] CNOTA, PETER JUERGEN, DE  
[72] MUNZEL, ULLRICH, DE  
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[73] MEDA PHARMA GMBH & CO. KG, DE  
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[13] C

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[25] EN  
[54] **GEODETTIC TOTAL STATION THAT CAN BE EXTENDED IN A MODULAR MANNER**  
[54] **STATION TOTALE GEODESIQUE A ELARGISSEMENT MODULAIRE**  
[72] SCHWARZ, JOHANNES, CH  
[73] LEICA GEOSYSTEMS AG, CH  
[85] 2007-07-25  
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[13] C

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[54] **ALLIAGES DE NICKEL HYBRIDES RESISTANT A LA CORROSION**  
[72] CROOK, PAUL, US  
[73] HAYNES INTERNATIONAL, INC., US  
[86] (2596152)  
[87] (2596152)  
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[13] C

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[25] EN  
[54] **USE OF AN ACTIVE INGREDIENT COMBINATION THAT CONTAINS HYDROXYSTILBENE FOR PREVENTING AND/OR TREATING DISEASES**  
[54] **UTILISATION D'UNE COMBINAISON DE PRINCIPES ACTIFS CONTENANT DE L'HYDROXYSTILBENE POUR LA PREVENTION ET/OU LE TRAITEMENT DE MALADIES**  
[72] HEGER, PETER, DE  
[72] RETTENBERGER, REINHARD, DE  
[72] SPAICH, CARL-FRIEDRICH, DE  
[73] HEGER, PETER, DE  
[73] RETTENBERGER, REINHARD, DE  
[73] SPAICH, CARL-FRIEDRICH, DE  
[85] 2007-07-27  
[86] 2006-02-03 (PCT/EP2006/000951)  
[87] (WO2006/082068)  
[30] DE (10 2005 005 268.1) 2005-02-04  
[30] DE (10 2005 005 270.3) 2005-02-04  
[30] DE (10 2005 005 271.1) 2005-02-04  
[30] DE (10 2005 005 273.8) 2005-02-04  
[30] DE (10 2005 005 274.6) 2005-02-04  
[30] DE (10 2005 005 275.4) 2005-02-04  
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[25] EN  
[54] **METHOD FOR PRODUCING A DRUG EXTRACT THAT CONTAINS HYDROXYSTILBENE**  
[54] **PROCEDE POUR PRODUIRE UN EXTRAIT MEDICAMENTEUX CONTENANT DE L'HYDROXYSTILBENE**  
[72] HEGER, PETER, DE  
[72] RETTENBERGER, REINHARD, DE  
[72] SPAICH, CARL-FRIEDRICH, DE  
[73] HEGER, PETER, DE  
[73] RETTENBERGER, REINHARD, DE  
[73] SPAICH, CARL-FRIEDRICH, DE  
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[30] DE (10 2005 005 268.1) 2005-02-04  
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[25] EN  
[54] **CRESCENT GEAR PUMP WITH NOVEL ROTOR SET**  
[54] **POMPE A EMBRAYAGE A GRIFFES A JEU DE ROTORS INNOVANT**  
[72] LIAVAS, VASILIOS B., CA  
[72] NEMEC, MICHAL, CA  
[73] STT TECHNOLOGIES INC., A JOINT VENTURE OF MAGNA POWERTRAIN INC. AND SHW GMBH, CA  
[85] 2007-07-31  
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[54] **DISPOSITIF MEDICAL EXTENSIBLE A DIFFERENTES PERFORMANCES D'ARTICULATION**  
[72] SHANLEY, JOHN F., US  
[72] FISHER, BEAU M., US  
[73] INNOVATIONAL HOLDINGS LLC, US  
[85] 2007-05-09  
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[30] US (60/634,335) 2004-12-08

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[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING FLAWS IN A RAILHEAD**  
[54] **PROCEDE ET DISPOSITIF DESTINES A LA DETECTION D'ANOMALIES DANS UN CHAMPIGNON DE RAIL**  
[72] BESTEBREURTJE, PIETER, NL  
[73] SONIMEX B.V., NL  
[85] 2007-08-16  
[86] 2006-01-12 (PCT/NL2006/000016)  
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[30] NL (1028325) 2005-02-17

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[13] C

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[25] EN  
[54] **MICROWAVEABLE FILM OR SHEET SUITABLE FOR VACUUM SKIN PACKAGING APPLICATIONS AND PEELABLE MICROWAVEABLE VACCUM SKIN PACKAGE OBTAINED THEREWITH**  
[54] **PELLICULE OU FILM TRAITABLE PAR MICRO-ONDES ET QUI CONVIENT A DES APPLICATIONS D'EMBALLAGE MOULANT SOUS VIDE ET EMBALLAGE MOULANT SOUS VIDE, TRAITABLE AU MICRO-ONDES ET PELABLE ASSOCIE**  
[72] RICCIO, MARINA, IT  
[72] DELLA BIANCA, SERENA, IT  
[73] CRYOVAC, INC., US  
[85] 2007-08-21  
[86] 2006-02-17 (PCT/EP2006/001491)  
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[13] C

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[25] EN  
[54] **FLUORESCENCE METER**  
[54] **APPAREIL DE MESURE DE LA FLUORESCENCE**  
[72] GRULER, ROMAN, DE  
[73] QIAGEN LAKE CONSTANCE GMBH, DE  
[85] 2007-08-24  
[86] 2006-03-03 (PCT/EP2006/001952)  
[87] (WO2006/092317)  
[30] DE (10 2005 010 981.0) 2005-03-03

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[13] C

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[25] EN  
[54] **ELECTRIC ARC FURNACE**  
[54] **FOUR ELECTRIQUE A ARC**  
[72] LONARDI, EMILE, LU  
[72] ROTH, JEAN-LUC, FR  
[72] TOCKERT, PAUL, LU  
[73] PAUL WURTH S.A., LU  
[85] 2007-08-24  
[86] 2006-02-28 (PCT/EP2006/060337)  
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[30] LU (91 142) 2005-02-28

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[13] C

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[25] EN  
[54] **HERBICIDAL COMPOSITIONS BASED ON 3-PHENYLURACILS AND 3-SULFONYLISOXAZOLINES**  
[54] **COMPOSITIONS HERBICIDES A BASE DE 3-PHENYLURACILES ET DE 3-SULFONYLISOXAZOLINES**  
[72] EVANS, RICHARD R., US  
[72] LIEBL, REX, US  
[72] REINHARD, ROBERT, DE  
[72] WALTER, HELMUT, DE  
[72] ZAGAR, CYRILL, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 2007-08-31  
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[30] US (60/662,362) 2005-03-17

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[25] EN  
[54] **HOT-FILLABLE BOTTLE**  
[54] **BOUTEILLE POUR EMBOUTEILLAGE A CHAUD**  
[72] MACZEK, ELIZABETH D., US  
[72] FIRESTONE, KIRK, US  
[73] AMCOR RIGID PLASTICS USA, INC., US  
[86] (2599706)  
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[54] **STATION DE DECOUPE D'EXTREMITE DE PAIN POUR TRANCHEUSE**  
[72] FERRIN, JUDD, US  
[72] SANDBERG, GLENN, US  
[73] FORMAX, INC., US  
[85] 2007-09-04  
[86] 2006-03-03 (PCT/US2006/007624)  
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[13] C

[51] **Int.Cl. B03C 7/00 (2006.01) B03C 1/00 (2006.01) B07B 9/00 (2006.01)**  
[25] EN  
[54] **METHOD OF SEPARATING FOREIGN PARTICLES**  
[54] **METHODE DE SEPARATION DES PARTICULES ETRANGERES**  
[72] ITO, MITSUHIRO, JP  
[73] TAIHEIYO CEMENT CORPORATION, JP  
[85] 2007-09-11  
[86] 2006-03-06 (PCT/JP2006/304264)  
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[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING A BIOPSY OF A TARGET VOLUME AND A COMPUTING DEVICE FOR PLANNING THE SAME**  
[54] **SYSTEME ET PROCEDE POUR LA REALISATION D'UNE BIOPSIE D'UN VOLUME CIBLE ET DISPOSITIF INFORMATIQUE POUR SA PLANIFICATION**  
[72] DOWNEY, DONAL B., CA  
[72] FENSTER, AARON, CA  
[73] ROBARTS RESEARCH INSTITUTE, CA  
[85] 2007-08-28  
[86] 2006-02-28 (PCT/CA2006/000282)  
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[13] C

[51] **Int.Cl. A61H 15/00 (2006.01) A61H 1/00 (2006.01) A61H 7/00 (2006.01)**  
[25] EN  
[54] **PORTABLE BODY MASSAGER**  
[54] **DISPOSITIF DE MASSAGE CORPOREL PORTABLE**  
[72] FERBER, ROMAN, US  
[72] CHUNG, STEPHEN, TW  
[73] FKA DISTRIBUTING CO. D/B/A HOMEDICS, INC., US  
[85] 2007-09-17  
[86] 2006-03-16 (PCT/US2006/009892)  
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[30] US (11/084,289) 2005-03-18  
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[13] C

[51] **Int.Cl. B01J 8/22 (2006.01) B01J 19/24 (2006.01) C10G 2/00 (2006.01)**  
[25] EN  
[54] **METHOD OF OPERATING A THREE-PHASE SLURRY REACTOR**  
[54] **PROCEDE D'EXPLOITATION D'UN REACTEUR A COMBUSTIBLE EN SUSPENSION A TROIS PHASES**  
[72] STEYNBERG, ANDRE PETER, ZA  
[72] BREMAN, BERTHOLD BEREND, NL  
[72] BRILMAN, DERK WILLEM FREDERIK, NL  
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA  
[85] 2007-09-14  
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[25] EN  
[54] **FABRIC SOFTENING COMPOSITION WITH CATIONIC POLYMER, SOAP, AND AMPHOTERIC SURFACTANT**  
[54] **COMPOSITION D'ADOUCISSANT DE TISSU COMPRENANT UN POLYMERE CATIONIQUE, DU SAVON ET UN TENSIOACTIF AMPHOTERE**  
[72] ZHU, YUN-PENG, US  
[72] ASHLEY, JEANETTE FRANCES, US  
[73] UNILEVER PLC, GB  
[85] 2007-09-17  
[86] 2006-03-29 (PCT/EP2006/003245)  
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[13] C

[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **PROTECTIVE AGENT FOR RETINAL NEURONAL CELL CONTAINING PROSTAGLANDIN F2 .ALPHA. DERIVATIVE AS ACTIVE INGREDIENT**  
[54] **AGENT PROTECTEUR POUR LA CELLULE NEURONALE RETINIENNE CONTENANT UN DERIVE DE PROSTAGLANDINE F2 .ALPHA. COMME INGREDIENT ACTIF**  
[72] ISHIDA, NARUHIRO, JP  
[72] SHIMAZAKI, ATSUSHI, JP  
[73] ASAHI GLASS COMPANY, LIMITED, JP  
[73] SANTEN PHARMACEUTICAL CO., LTD., JP  
[85] 2007-09-21  
[86] 2006-03-31 (PCT/JP2006/306826)  
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[30] JP (2005-100348) 2005-03-31

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[13] C

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[25] EN

[54] **ANTIPRURITIC AGENT FOR PRURITUS CAUSED BY MULTIPLE SCLEROSIS**

[54] **AGENT ANTIPRURITIQUE POUR LE PRURIT PROVOQUE PAR LA SCLEROSE EN PLAQUES**

[72] UMEUCHI, HIDEO, JP

[72] UENO, KOKI, JP

[72] MIYAKAWA, HIROSHI, JP

[73] TORAY INDUSTRIES, INC., JP

[85] 2007-10-09

[86] 2006-03-09 (PCT/JP2006/304655)

[87] (WO2006/095836)

[30] JP (2005-066666) 2005-03-10

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[51] **Int.Cl. C22B 3/44 (2006.01) C22B 3/04 (2006.01) C22B 3/26 (2006.01) C22B 30/04 (2006.01)**

[25] EN

[54] **METHOD FOR THE RECOVERY OF VALUABLE METALS AND ARSENIC FROM A SOLUTION**

[54] **PROCEDE DE RECUPERATION DE METAUX DE VALEUR ET D'ARSENIC CONTENUS DANS UNE SOLUTION**

[72] POIJARVI, JAAKKO, FI

[72] NUPPONEN, RAIMO, FI

[72] MAKINEN, TUULA, FI

[72] ROMPPANEN, JAANA, FI

[73] OUTOTEC OYJ., FI

[85] 2007-10-15

[86] 2006-04-25 (PCT/FI2006/000131)

[87] (WO2006/117424)

[30] FI (20050471) 2005-05-03

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[13] C

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[25] EN

[54] **METHODS FOR MEASUREMENT AND CONTROL OF INK CONCENTRATION AND FILM THICKNESS**

[54] **PROCEDES DE MESURE ET DE COMMANDE DE LA CONCENTRATION D'ENCRE ET DE L'EPAISSEUR DE FILM**

[72] RICH, DANNY, US

[73] SUN CHEMICAL CORPORATION, US

[85] 2007-10-18

[86] 2006-04-18 (PCT/US2006/014607)

[87] (WO2006/113740)

[30] US (11/110,329) 2005-04-19

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[13] C

[51] **Int.Cl. A61K 38/40 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING OVERWEIGHT OR OBESITY WITH ZINC-CHARGED PROTEIN FRAGMENTS**

[54] **COMPOSITIONS ET PROCEDES DESTINES A TRAITER OU A PREVENIR LE SURPOIDS OU L'OBESITE AVEC DES FRAGMENTS DE PROTEINES CHARGEES EN ZINC**

[72] TSAI, DAVID, US

[73] AMBRYX BIOTECHNOLOGY, INC., US

[85] 2007-10-22

[86] 2006-04-25 (PCT/US2006/015644)

[87] (WO2006/116410)

[30] US (11/114,792) 2005-04-26

[30] US (11/315,810) 2005-12-22

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[13] C

[51] **Int.Cl. A61K 35/60 (2006.01) A61P 17/00 (2006.01)**

[25] FR

[54] **USE OF LECITHIN AS A MEDICAMENT FOR TREATING PSORIASIS**

[54] **UTILISATION DE LA LECITHINE COMME MEDICAMENT DANS LE TRAITEMENT DU PSORIASIS**

[72] DUPONT, PAUL, FR

[73] SC DICOPHAR, FR

[85] 2007-10-17

[86] 2006-04-11 (PCT/FR2006/000792)

[87] (WO2006/111633)

[30] FR (0503827) 2005-04-18

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[13] C

[51] **Int.Cl. C23C 4/12 (2006.01) C23C 4/06 (2006.01) C23C 24/04 (2006.01)**

[25] EN

[54] **METHOD FOR COATING A SUBSTRATE SURFACE AND COATED PRODUCT**

[54] **PROCEDE DE REVETEMENT D'UNE SURFACE DE SUBSTRAT ET PRODUIT MUNI DU REVETEMENT**

[72] ZIMMERMANN, STEFAN, DE

[72] PAPP, UWE, DE

[72] KREYE, HEINRICH, DE

[72] SCHMIDT, TOBIAS, DE

[73] H.C. STARCK GMBH, DE

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[86] 2006-04-28 (PCT/EP2006/003967)

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[13] C

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[25] EN

[54] **WET COMPRESSION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE COMPRESSION EN REGIME HUMIDE**

[72] HAGEN, DAVID L., US

[73] VAST POWER PORTFOLIO, LLC, US

[85] 2007-10-31

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[13] C

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[25] EN  
[54] **AN APPARATUS FOR PRODUCING AND HANDLING A FLOWING SUBSTANCE**  
[54] **APPAREIL DE FABRICATION ET DE MANIPULATION D'UNE SUBSTANCE D'ECOULEMENT**  
[72] O'SHEA, MARK, IE  
[73] LIFESTYLE FOODS, IE  
[85] 2007-11-01  
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[87] (WO2006/120660)  
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[13] C

[51] **Int.Cl. A01N 25/30 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01)**  
[25] EN  
[54] **AGRICULTURAL ADJUVANT COMPOSITIONS, HERBICIDE COMPOSITIONS, AND METHODS FOR USING SUCH COMPOSITIONS**  
[54] **COMPOSITIONS D'ADJUVANTS AGRICOLES, COMPOSITIONS HERBICIDES, ET LEURS METHODES D'UTILISATION**  
[72] MODARESSI, HEDIEH, US  
[72] DOUGLASS, ANDREW, US  
[73] RHODIA INC., US  
[85] 2007-11-19  
[86] 2006-05-12 (PCT/US2006/018457)  
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[30] US (60/681,839) 2005-05-17

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[13] C

[51] **Int.Cl. A61K 31/568 (2006.01) A61Q 90/00 (2009.01) A61K 8/63 (2006.01) A61K 9/08 (2006.01) A61K 31/57 (2006.01) A61Q 15/00 (2006.01)**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR TRANSDERMAL DRUG DELIVERY**  
[54] **METHODE ET COMPOSITION POUR L'ADMINISTRATION TRANSDERMIQUE D'UN MEDICAMENT**  
[72] DI PIETRO, TONY, AU  
[72] HUMBERSTONE, ANDREW, AU  
[72] GONDA, IGOR, AU  
[72] WATKINSON, ADAM, AU  
[72] ROBINSON, MONIQUE, AU  
[72] SETIAWAN, KERRIE, AU  
[72] STONE, CAROLYN, AU  
[72] WILKINS, NINA, AU  
[73] ACRUX DDS PTY LTD, AU  
[85] 2007-12-03  
[86] 2006-06-02 (PCT/AU2006/000763)  
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[30] AU (2005902902) 2005-06-03  
[30] US (60/752,884) 2005-12-23

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[13] C

[51] **Int.Cl. C09K 8/584 (2006.01) C09K 8/588 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **SURFACTANT MIXTURES FOR TERTIARY OIL RECOVERY**  
[54] **MELANGES DE TENSIOACTIFS POUR L'EXPLOITATION TERTIAIRE DE PETROLE**  
[72] HUFF, JUERGEN, DE  
[72] OETTER, GUENTER, DE  
[72] KUEHNLE, ANGELIKA, DE  
[72] PETROVIC, SUSANNE, DE  
[72] GUZMANN, MARCUS, DE  
[72] MUENSTER, INGO, DE  
[72] BRODT, GREGOR, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 2007-12-05  
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[30] DE (10 2005 026 716.5) 2005-06-09

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[13] C

[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01N 25/30 (2006.01) A01N 43/70 (2006.01)**  
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[54] **SYNERGISTIC BLENDS OF (ALKYL) NAPHTHALENE FORMALDEHYDE CONDENSATE SULFONATES AND LIGNOSULFONATES USEFUL IN AGROCHEMICAL FORMULATIONS**  
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[54] **METHOD OF MAKING A CAST METAL PRODUCT INCLUDING A THREE-DIMENSIONAL IMAGE, AND A PRODUCT MADE BY SAID METHOD**  
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN METAL COULE FAISANT APPEL A UNE IMAGE TRIDIMENSIONNELLE, ET PRODUIT FABRIQUE A L'AIDE DUDIT PROCEDE**  
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[54] **PROCEDE ET DISPOSITIF DESTINES A L'EMISSION/RECEPTION D'INFORMATIONS DE COMMANDE D'UN EQUIPEMENT D'UTILISATEUR CONCERNANT LA TRANSMISSION DE DONNEES SUR LIAISON MONTANTE**  
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[73] CARDINAL CG COMPANY, US  
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[73] CARDINAL CG COMPANY, US  
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[54] **SYSTEME DE DETECTION DE CIBLES MULTIPLES ET DE NAVIGATION ENTRE DES ETATS D'APPLICATIONS**  
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[54] **ENVIRONNEMENT DE MACHINE VIRTUELLE POUR INTERFACAGE D'UN ENVIRONNEMENT DE SYSTEME D'EXPLOITATION EN TEMPS REEL AVEC UN SYSTEME NATIF D'EXPLOITATION CENTRAL**  
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[73] MITEL NETWORKS CORPORATION, US  
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[54] **COMPOSANT EN FORME DE SUPPORT CONSTITUE DE PLUSIEURS PIECES DISTINCTES RELIEES LES UNES AUX AUTRES**  
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[54] **PROCEDE DE FORMAGE EN DOUILLE D'UNE EXTREMITE DE TUBE DE MATERIAU THERMOPLASTIQUE**  
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[72] MOWBRAY, CHARLES ERIC, GB  
[72] SELBY, MATTHEW DUNCAN, GB  
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[54] **CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE**  
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[72] JULIAN, FRANK D., US  
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[54] **METHODS AND APPARATUS FOR MAINTAINING PERMISSIONS FOR CLIENT/SERVER PROCESSING IN A COMMUNICATION DEVICE**  
[54] **METHODES ET APPAREILLAGE DE TENUE DES AUTORISATIONS POUR LE TRAITEMENT DES CLIENTS/SERVEURS DANS UN DISPOSITIF DE COMMUNICATION**  
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[72] SHEPPARD, MICHAEL G., AU  
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[72] DEANDRADE, ALEX FREIRE, ZA  
[72] VELDMAN, CHARL CHRISTO, ZA  
[72] MOLLER, ARTHUR KENNETH, ZA  
[72] SKEA, THEUNS FICHARDT, ZA  
[72] DE SOUSA, JOAQUIM ANTONIO SOAR, ZA  
[73] JOY MM DELAWARE, INC., US  
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[54] **AMINOTETRAHYDROPYRANNES EN TANT QU'INHIBITEURS DE DIPEPTIDYLPEPTIDASE-IV DANS LE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE DU DIABETE**  
[72] BIFTU, TESFAYE, US  
[72] CALDWELL, CHARLES G., US  
[72] WEBER, ANN E., US  
[72] CHEN, PING, US  
[72] QIAN, XIAOXIA, US  
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[72] KAKUYAMA, KOJI, JP  
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[54] **SYSTEME ET PROCEDE UTILISES POUR ENREGISTRER DES APPELS DANS UN SYSTEME DE COMMUNICATION IP**  
[72] WEIR, ALAN, US  
[72] VYSKOCIL, RANDY, US  
[72] RAO, BHAMA, US  
[72] GRECO, STEVE, US  
[72] BLASKO, JOHN, US  
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[54] **PROCEDE POUR L'APPARIEMENT D'HISTORIQUE DE MODELE DE SIMULATION METTANT EN OEUVRE DES CARTES D'AUTO-ORGANISATION PERMETTANT LA GENERATION DE ZONES DANS LE MODELE DE SIMULATION**  
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[73] SCHLUMBERGER CANADA LIMITED, CA  
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[73] TAIHEIYO CEMENT CORPORATION, JP  
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[73] FORESIGHT PRODUCTS, LLC, US  
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[72] LEE, JOON HUI, KR  
[72] THOMAS, GOMER, US  
[73] LG ELECTRONICS INC., KR  
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[54] **INCREASING AIR INLET/OUTLET SIZE FOR ELECTRONICS CHASSIS**  
[54] **AMELIORATIONS APORTEES A LA TAILLE D'ENTREE/ DE SORTIE D'AIR POUR UN CHASSIS D'ELECTRONIQUE**  
[72] SHABANY, YOUNES, US  
[72] YUM, HANS, US  
[72] COLLIS, TODD, US  
[72] BISBIKIS, STEVE, US  
[72] KOO, STEVE, US  
[72] MILLER, KIERAN, US  
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[54] **VIS AUTOTARAUDEUSE FORMANT LE FILET, HAUTE PERFORMANCE**  
[72] PRICE, DAVID R., US  
[72] SHATTUCK, GARY, US  
[73] ACUMENT INTELLECTUAL PROPERTIES, LLC, US  
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[54] **UTILISATION DE DERIVES DU CHOLEST-4-EN-3-ONE POUR L'OBTENTION D'UN MEDICAMENT CYTOPROTECTEUR**  
[72] PRUSS, REBECCA, FR  
[72] BUISSON, BRUNO, FR  
[72] BORDET, THIERRY, FR  
[73] TROPHOS, FR  
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[54] **SYSTEME MOBILE ET SECURISE DE GESTION D'INFORMATIONS ET PROCEDE ASSOCIE**  
[72] MOSHIR, SEAN, US  
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[72] SHAFIEZADEH, HOUMAN, US  
[73] CELLTRUST CORPORATION, US  
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[54] **PROCEDE ET DISPOSITIF D'ETABLISSEMENT DE RELATIONS DE COMMUNICATION**  
[72] BAHLS, THOMAS, DE  
[73] ADTRAN GMBH, DE  
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[54] **ANTI-FOOT-AND-MOUTH DISEASE VIRUS AGENT FOR ANIMAL BELONGING TO FAMILY SUIDAE OR SHEEP, AND METHOD FOR PREVENTION OR TREATMENT OF FOOT-AND-MOUTH DISEASE IN ANIMAL BELONGING TO FAMILY SUIDAE OR SHEEP**  
[54] **AGENT ANTI-VIRUS DE LA FIEVRE APHTEUSE POUR UN ANIMAL APPARTENANT A LA FAMILLE DES SUIDES OU POUR UN MOUTON, ET PROCEDE POUR LA PREVENTION OU LE TRAITEMENT DE LA FIEVRE APHTEUSE CHEZ UN ANIMAL APPARTENANT A LA FAMILLE DES SUIDES OU CHEZ UN MOUTON**  
[72] FURUTA, YOUSUKE, JP  
[73] TOYAMA CHEMICAL CO., LTD., JP  
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[54] **DISPOSITIF MECANIQUE POUR MELANGER UN ECHANTILLON DE FLUIDE AVEC UNE SOLUTION TRAITANTE**  
[72] RAMEL, URS A., US  
[73] BAYER HEALTHCARE LLC, US  
[85] 2008-12-09  
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[54] **DWDM TRANSPORT OF CATV AND DIGITAL SIGNALS OVER OPTICAL FIBER IN LOW-DISPERSION SPECTRAL REGIONS**  
[54] **TRANSPORT DWDM DE SIGNAUX DE TELEVISION PAR CABLE ET DE SIGNAUX NUMERIQUES PAR FIBRE OPTIQUE DANS DES REGIONS SPECTRALES DE FAIBLE**  
[72] MOSTERT, WILLEM A., US  
[72] MYSORE, SUDHESH, US  
[72] CHANG, SAMUEL, US  
[72] WANG, SHAMINO, US  
[72] BARKER, CHARLES, US  
[72] SNIEZKO, OLEH, US  
[73] AURORA NETWORKS, INC., US  
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[54] **WAREWASHER INCLUDING HEAT RECOVERY SYSTEM WITH HOT WATER SUPPLEMENT**  
[54] **MACHINE DE PLONGE COMPRENANT UN SYSTEME DE RECUPERATION DE LA CHALEUR AVEC SUPPLEMENT D'EAU CHAUDE**  
[72] WARNER, CHARLES E., US  
[72] STUMP, BRIAN E., US  
[72] DEBROSSE, WALTER L., US  
[72] CONLEY, DONNIVAN K., US  
[73] PREMARK FEG L.L.C., US  
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[54] **COMPOSITIONS DE MASTIC DURCISSABLES AUX UV**  
[72] LOEFFLER, HELMUT, DE  
[72] FLOSBACH, CARMEN, DE  
[72] NAGEL, MARTINA, DE  
[73] COATINGS FOREIGN IP CO. LLC, US  
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[54] **PROCEDE POUR ENLEVER LE TARTRE MINERAL DE LA PAROI DES CONDUITES ET DES TUYAUX DES CHAMPS DE PETROLE**  
[72] KEATCH, RICHARD W., GB  
[72] RAY, SIMON K., GB  
[73] M-I PRODUCTION CHEMICALS UK LIMITED, GB  
[73] OILFIELD MINERAL SOLUTIONS LIMITED, GB  
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[54] **BUSE POUR INJECTION D'ADHESIF THERMOFUSIBLE DANS UN MOULE**  
[72] DE BLASI, SALVATORE, DE  
[73] HASCO HASENCLEVER GMBH + CO KG, DE  
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[54] **FAST 3D INVERSION OF ELECTROMAGNETIC SURVEY DATA USING A TRAINED NEURAL NETWORK IN THE FORWARD MODELING BRANCH**  
[54] **INVERSION TRIDIMENSIONNELLE RAPIDE DE DONNEES DE LEVE ELECTROMAGNETIQUE A L'AIDE D'UN RESEAU NEURONAL ENTRAINE DANS LA BRANCHE DE MODELISATION DIRECTE**  
[72] STRACK, KURT M., US  
[73] KJT ENTERPRISES, INC., US  
[85] 2009-01-28  
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[54] **COMPOSITIONS LUBRIFIANTES ET LEURS ARTICLES DE FABRICATION**  
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[73] PLAYTEX PRODUCTS, LLC, US  
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[54] **MATERIAU D'ENVELOPPEMENT POUR TAMPON**  
[72] TACKETT, DOUGLAS L., US  
[72] JORGENSEN, ROBERT, US  
[72] EDGETT, KEITH, US  
[72] PREISNER, PETER, US  
[72] DREWNOWSKI, WOJTEK, US  
[73] PLAYTEX PRODUCTS, LLC, US  
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[54] **DISPOSITIF D'INSERTION DE SUPPORT DU VISAGE**  
[72] WILSON, KIMBERLY FORNESS, US  
[72] STEERS, BOB, US  
[73] WILSON, KIMBERLY FORNESS, US  
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[54] **PASSAGE TOURNANT POUR MACHINE A COUPER DES TUYAUX**  
[72] RATTUNDE, ULRICH, DE  
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[54] **CHASSE ELECTRONIQUE A DEBIT VARIABLE**  
[72] NOWAK, BART, CA  
[72] DU, XAN VY, CA  
[72] STAUDER, FRANK A., CA  
[72] BELZ, JEFF, US  
[73] MASCO CANADA LIMITED, CA  
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[54] **GROUNDING SYSTEM FOR A HEATED HOSE**  
[54] **SYSTEME DE MISE A LA TERRE POUR TUYAU SOUPLE CHAUFFE**  
[72] FERRONE, WILLIAM, US  
[73] SYKES HOLLOW INNOVATIONS, LTD., US  
[86] (2665276)  
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[54] **GANT D'HALTEROPHILIE AVEC MAIN INTEGREE ET APPUI-POIGNET**  
[72] FAULCONER, MARK, US  
[73] MCCRANE, INC., US  
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[25] EN  
[54] **PHOTOCHEMICAL SYNTHESIS OF METALLIC NANOPARTICLES FOR INK APPLICATIONS**  
[54] **SYNTHESE PHOTOCHEMIE DE NANOPARTICULES METALLIQUES POUR APPLICATIONS A L'ENCRE**  
[72] CHRETIEN, MICHELLE, CA  
[72] CHOPRA, NAVEEN, CA  
[72] HEUFT, MATTHEW A., CA  
[72] KAZMAIER, PETER M., CA  
[73] XEROX CORPORATION, US  
[86] (2666037)  
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[54] **INHIBITORS OF HISTONE DEACETYLASE**  
[54] **INHIBITEURS DE L'HISTONE DESACETYLASE**  
[72] DEZIEL, ROBERT, CA  
[72] LEIT, SILVANA, CA  
[72] BEAULIEU, PATRICK, CA  
[72] CHANTIGNY, YVES ANDRE, CA  
[72] MANCUSO, JOHN, CA  
[72] TESSIER, PIERRE, CA  
[72] SHAPIRO, GIDEON, US  
[72] CHESWORTH, RICHARD, US  
[72] SMIL, DAVID, CA  
[73] ENVIVO PHARMACEUTICALS, INC., US  
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[54] **DETECTEUR DE NIVEAU DE FLUIDE DISCRET ET SUPPORT**  
[72] KIELIAN, SLAWOMIR P., US  
[72] ALBRECHT, KENNETH A., US  
[72] KNOWLES, TERENCE J., US  
[72] TRUESDALE, BRIAN J., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[54] **UTILISATION D'INTERFACES D'ECRAN TACTILE**  
[72] BAUDISCH, PATRICK, US  
[72] HINCKLEY, KENNETH P., US  
[72] SARIN, RAMAN, US  
[72] CUTRELL, EDWARD B., US  
[72] WILSON, ANDREW D., US  
[72] VOGEL, DANIEL, US  
[73] MICROSOFT CORPORATION, US  
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[54] **CAPSULE RENFERMANT UN MEDICAMENT, EN PARTICULIER UN MEDICAMENT A INHALER**  
[72] DE VOS, DICK, NL  
[73] PHARMACHEMIE B.V., NL  
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[54] **ANCRES VISCERALES POUR LA FERMETURE EN BOURSE DE PERFORATIONS**  
[72] SURTI, VIHAR C., US  
[72] DESILETS, DAVID, US  
[73] BAYSTATE HEALTH, INC., US  
[73] COOK MEDICAL TECHNOLOGIES LLC, US  
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[54] **PROCEDES ET APPAREIL DE DECODAGE LDPC**  
[72] RICHARDSON, TOM, US  
[72] JIN, HUI, US  
[72] NOVICHKOV, VLADIMIR, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **APPAREIL DE SOULEVEMENT MARIN**  
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[54] **COMPOSITION DE DETERGENT LIQUIDE POUR LA MISE EN SUSPENSION DE MATIERES**  
[72] TUZI, ALEXANDRINE, US  
[72] OLDENHOVE, LOUIS, BE  
[72] ZOCCHI, GERMAINE, BE  
[72] VAN DE GAER, DANIEL, BE  
[72] PAGNOUL, PATRICIA, BE  
[72] BROZE, GUY, BE  
[73] COLGATE-PALMOLIVE COMPANY, US  
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[54] **PROCEDE DE PURIFICATION DE L'APOLIPOPROTEINE A-1**  
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[72] XIANGFEI, BAO, CN  
[73] HOANG, KIEU, US  
[85] 2009-06-19  
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[72] HORRES, ROLAND, DE  
[73] HEMOTEQ AG, DE  
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[54] **METHOD AND APPARATUS FOR ADJUSTING RIDER MOVEMENT ON A WATERSLIDE AMUSEMENT DEVICE**  
[54] **PROCEDE ET APPAREIL D'AJUSTEMENT DES MOUVEMENTS D'UN PASSAGER DANS UN DISPOSITIF DE DIVERTISSEMENT DE GLISSOIRE D'EAU**  
[72] DUBOIS, RAYMOND JOSEPH, CA  
[72] BARRERA, CLAUDIO JAVIER, CA  
[72] MOSLEY, CARROLL DAVID, US  
[72] HORRAS, STEPHEN EARL, US  
[73] WHITEWATER WEST INDUSTRIES LTD., CA  
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[54] **FORMES CRISTALLINES D'ILAPRAZOLE SOLVATE**

[72] BRACKETT, JOHN M., US

[72] JONAITIS, DAVID T., US

[72] LAI, WEI, US

[72] PARENT, STEPHAN D., US

[73] IL YANG PHARMACEUTICAL COMPANY, LTD., KR

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[54] **UTILISATION DE DTX ET DE DRX DANS UN SYSTEME DE COMMUNICATIONS**

[72] DAMNJANOVIC, ALEKSANDAR, US

[72] TENNY, NATHAN EDWARD, US

[73] QUALCOMM INCORPORATED, US

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[54] **SYSTEM AND METHOD FOR DYNAMICALLY PARTITIONING CONTEXT SERVERS**

[54] **SYSTEME ET PROCEDE DE PARTITIONNEMENT DYNAMIQUE DE SERVEURS DE CONTEXTE**

[72] GALLANT, JOHN KENNETH, US

[73] VERISIGN, INC., US

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[54] **METHOD FOR REALIZING BACKPRESSURE OF MASSES OF PORTS AND DEVICE THEREOF**

[54] **PROCEDE D'APPLICATION DE CONTRE-PRESSION MASSIQUE DE PORTS, ET DISPOSITIF ASSOCIE**

[72] DU, WENHUA, CN

[72] LI, JACKY, CN

[72] TAN, XUEFEI, CN

[72] RUAN, QIANGSHENG, CN

[72] HU, WEIJIANG, CN

[72] CHEN, SONGHAI, CN

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[73] HUAWEI TECHNOLOGIES CO., LTD., CN

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[54] **MEASURING PROPERTIES OF LOW PERMEABILITY FORMATIONS**

[54] **MESURAGE DE PROPRIETES DE FORMATIONS A FAIBLE PERMEABILITE**

[72] WATERS, GEORGE, US

[72] LATIFZAI, AHMAD, US

[72] BORATKO, EDWARD C., US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **METHOD AND APPARATUS FOR MAPPING OF ABSOLUTE POWER GRANT VALUES**

[54] **PROCEDE ET APPAREIL POUR CARTOGRAPHIER DES VALEURS ABSOLUES D'AUTORISATION DE PUISSANCE**

[72] MARINIER, PAUL, CA

[72] KIM, IN H., US

[72] ZEIRA, ELDAD, US

[72] CAVE, CHRISTOPHER R., CA

[73] INTERDIGITAL TECHNOLOGY CORPORATION, US

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[54] **CODAGE A LONGUEUR DE LIGNE COMBINE DE COEFFICIENTS SIGNIFICATIFS ET DE COEFFICIENTS DE PRECISION DE LA COUCHE D'AMELIORATION D'UN SCHEMA DE CODAGE VIDEO SCALABLE**  
[72] KARCZEWICZ, MARTA, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2009-08-12  
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[54] **MEASUREMENT APPARATUS, MEASUREMENT METHOD, AND FEATURE IDENTIFICATION APPARATUS**  
[54] **APPAREIL DE MESURE, METHODE DE MESURE ET APPAREIL D'IDENTIFICATION DES CARACTERISTIQUES**  
[72] TAKIGUCHI, JUNICHI, JP  
[72] KAJIWARA, NAOYUKI, JP  
[72] SHIMA, YOSHIHIRO, JP  
[72] KUROSAKI, RYUJIRO, JP  
[72] HASHIZUME, TAKUMI, JP  
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[73] WASEDA UNIVERSITY, JP  
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[54] **COMPOUNDS HAVING A CYCLIC MOIETY AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS**  
[54] **COMPOSES A FRACTION CYCLIQUE ET COMPOSITIONS D'ADMINISTRATION D'AGENTS ACTIFS**  
[72] TANG, PINGWAH, US  
[72] DINH, STEVEN, US  
[73] EMISPHERE TECHNOLOGIES, INC., US  
[85] 2009-08-12  
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[25] EN  
[54] **NEW COMPOSITE MATERIALS, METHOD FOR THEIR MANUFACTURE AND THEIR USE**  
[54] **NOUVEAUX MATERIAUX COMPOSITES, PROCEDE POUR LEUR FABRICATION ET LEUR UTILISATION**  
[72] KETZER, MICHAEL, DE  
[72] GLEICH, KLAUS FRIEDRICH, US  
[72] CHRISTENSEN, BERND, DE  
[72] JAFFEE, ALAN, US  
[72] MIELE, PHIL, US  
[72] BENNETT, GLENDA, US  
[72] ECKERT, BERNHARD, DE  
[72] ALBRECHT, ANNETTE, DE  
[73] JOHNS MANVILLE, US  
[85] 2009-08-21  
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[30] DE (10 2007 008 423.6) 2007-02-21  
[30] DE (10 2007 008 424.4) 2007-02-21  
[30] DE (10 2007 012 651.6) 2007-03-16  
[30] DE (10 2007 028 531.2) 2007-06-18

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[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING BROADCAST MESSAGES IN WIRELESS SIGNALS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER DES MESSAGES A DIFFUSION GENERALE GRACE A DES SIGNAUX RECUS PAR L'INTERMEDIAIRE D'UN SYSTEME SANS FIL**  
[72] ULUPINAR, FATIH, US  
[72] AGASHE, PARAG ARUN, US  
[72] SARKAR, SANDIP, US  
[72] PRAKASH, RAJAT, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2009-08-31  
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[54] **METHODS OF TREATING OPHTHALMIC DISEASES**  
[54] **PROCEDES DE TRAITEMENT DE MALADIES OPHTALMIQUES**  
[72] LIN, CHIA-YANG, US  
[73] RINAT NEUROSCIENCE CORP., US  
[85] 2009-09-08  
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[54] **DOMINANT GENE SUPPRESSION  
TRANSGENES AND METHODS OF  
USING SAME**  
[54] **TRANSGENES DE SUPPRESSION  
D'UN GENE DOMINANT ET  
PROCEDES D'UTILISATION DE  
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[54] **MIMO WIRELESS  
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AND APPARATUS FOR  
TRANSMITTING AND DECODING  
RESOURCE BLOCK  
STRUCTURES BASED ON A  
DEDICATED REFERENCE  
SIGNAL MODE**  
[54] **PROCEDE ET APPAREIL DE  
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[54] **SYSTEME DE PLANIFICATION  
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[72] PONIATOWSKI, ROBERT F., US  
[72] GLENNON, SHELLY, US  
[72] BEACH, BRIAN, US  
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INSUFFICIENCY OR STENOSIS**  
[54] **DISPOSITIF MEDICAL POUR LE  
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[72] JUNG, JOHANNES, DE  
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[54] **CRYSTALLINE FORMS OF 6-[2-(METHYLCARBAMOYL)PHENYL SULFANYL]-3-E-[2-(PYRIDIN-2-YL)ETHENYL]INDAZOLE FOR TREATMENT OF ABNORMAL CELL GROWTH IN MAMMALS**

[54] **FORMES CRISTALLINES DE 6-[2-(METHYLCARBAMOYL)PHENYL SULFANYL]-3(E)-[2-(PYRIDIN-2-YL)ETHENYL]-INDAZOLE POUR LE TRAITEMENT DE LA CROISSANCE DE CELLULES ANORMALES CHEZ DESMAMMIFERES**

[72] CAMPETA, ANTHONY MICHAEL, US

[72] CHEKAL, BRIAN PATRICK, US

[72] MCLAUGHLIN, ROBERT WILLIAM, US

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[54] **DISPOSITIF ET PROCEDE POUR IMPRIMER DES ETIQUETTES**

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[73] PARATA SYSTEMS, LLC, US

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[54] **RESEAUX DE LOCALISATION SANS FIL EPARS A PARTIR D'UNE DIFFERENCE DE TEMPS D'ARRIVEE EN LIAISON MONTANTE**

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[72] LEFEVER, RONALD, US

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[54] **AMELIORATIONS CONCERNANT UN TUYAU SOUPLE**

[72] BURKE, RAYMOND NICHOLAS, GB

[72] DAVIS, ERIC JOSEPH, GB

[72] HALL, GERARD ANTHONY, GB

[72] RIDOLFI, MATTHEW VERNON, GB

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[54] **INSTALLATION D'EXTINCTEUR AUTOMATIQUE ANTIGEL**

[72] FRANSON, SCOTT T., US

[72] THOMPSON, ANDREW TAYLOR, US

[73] THE VIKING CORPORATION, US

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[54] **AUTHENTIFICATION FAISANT APPEL A DES DONNEES BIOMETRIQUES STOCKEES**

[72] ADAMS, NEIL PATRICK, CA

[72] BROWN, MICHAEL KENNETH, CA

[72] SINGH, RAVI, CA

[73] RESEARCH IN MOTION LIMITED, CA

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[54] **ANTAGONISTES DE RECEPTEUR D'OREXINE PIPERIDYL PIPERIDINE**

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[72] COX, CHRISTOPHER D., US

[72] SCHREIER, JOHN D., US

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[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR ENHANCING TARGETING OF THERAPEUTIC COMPOUNDS TO THE CENTRAL NERVOUS SYSTEM**

[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES PERMETTANT D'AMPLIFIER LE CIBLAGE DE COMPOSES THERAPEUTIQUES SUR LE SYSTEME NERVEUX CENTRAL**

[72] FREY, WILLIAM H., II, US

[72] LEAH RENAE, BRESIN HANSON, US

[72] DHURIA, SHYEILLA V., US

[73] HEALTHPARTNERS RESEARCH FOUNDATION, US

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[72] CECCARELLI, SIMONA M., CH

[72] CHOMIENNE, ODILE, FR

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[54] **DISPOSITIF MULTIPOSTE POUR MELANGER DES CONTENUS DE RECIPIENTS DE LABORATOIRE**

[72] EBERS, MANFRED, DE

[72] PETERSEN, BERND, DE

[73] EPPENDORF AG, DE

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[54] **BANDE TRANSPORTEUSE ET PROCEDE D'ASSEMBLAGE**

[72] NEELY, D. JOSEPH, US

[72] LASECKI, JONATHAN R., US

[72] VAN FAASSEN, WILLEM, NL

[73] ASHWORTH BROS., INC., US

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[72] KRAUS, BERNHARD, DE

[72] ZIEGLER, FRANK, DE

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[54] **METHOD FOR DISPLAYING MAP LABELS FOR GEOGRAPHICAL FEATURES HAVING ALTERNATE NAMES**

[54] **PROCEDE D'AFFUICHAGE DE LIBELLES CARTOGRAPHIQUES POUR CARACTERISTIQUES GEOGRAPHIQUES A ALLONYMES**

[72] TYSOWSKI, PIOTR KONRAD, CA

[73] RESEARCH IN MOTION LIMITED, CA

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[54] **METHOD AND SYSTEM FOR SECURE REMOTE TRANSFER OF MASTER KEY FOR AUTOMATED TELLER BANKING MACHINE**  
[54] **PROCEDE ET SYSTEME POUR LE TRANSFERT ELOIGNE SECURISE D'UNE CLE MAITRESSE POUR UNE MACHINE BANCAIRE A CAISSE AUTOMATISEE**  
[72] SCHWARZ, HENRY, US  
[72] CORDEIRO, DARYLL, US  
[73] TRITON SYSTEMS OF DELAWARE, LLC, US  
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[72] MALLADI, DURGA PRASAD, US  
[72] BANISTER, BRIAN CLARKE, US  
[72] MONTOJO, JUAN, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **SYSTEMS AND METHODS FOR MULTI-BEAM OPTIC-WIRELESS VEHICLE COMMUNICATIONS**  
[54] **SYSTEMES ET PROCEDES POUR DES COMMUNICATIONS MULTIFAISCEAUX, SANS FIL OPTIQUES POUR VEHICULE**  
[72] CHEN, WAI, US  
[72] LEE, JOHN, US  
[72] GUHA, RATUL K., US  
[72] ONISHI, RYOKICHI, US  
[72] VUYURU, RAMA, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[73] TOYOTA INFOTECHNOLOGY CENTER U.S.A., INC., US  
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[72] ARENA, GIORGIO, IT  
[73] OPEN DATA S.R.L., IT  
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[54] **FRAME GENERATING APPARATUS AND FRAME GENERATING METHOD**  
[54] **DISPOSITIF ET METHODE DE PRODUCTION DE BLOCS**  
[72] KATAGIRI, TORU, JP  
[72] SHIODA, MASAHIRO, JP  
[73] FUJITSU LIMITED, JP  
[86] (2695882)  
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[54] **ROTOR TURNING DEVICE FOR WIND TURBINE GENERATOR AND ROTOR TURNING METHOD**  
[54] **DISPOSITIF D'ORIENTATION DU ROTOR POUR GENERATEUR EOLIEN ET METHODE CONNEXE**  
[72] EGOSHI, HIDEYA, JP  
[72] WATANABE, KUNIKAZU, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DETERGENTE**  
[72] SOMERVILLE ROBERTS, NIGEL PATRICK, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[54] **PRELEVEUR DE SANG A AIGUILLE DE SURETE RETRACTABLE**  
[72] MAHURKAR, SAKHARAM D., US  
[73] MAHURKAR, SAKHARAM D., US  
[86] (2697216)  
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[54] **DIGITAL BROADCASTING SYSTEM AND METHOD OF PROCESSING DATA IN DIGITAL BROADCASTING SYSTEM**

[54] **SYSTEME DE DIFFUSION NUMERIQUE ET PROCEDE DE TRAITEMENT DE DONNEES DANS UNSYSTEME DE DIFFUSION NUMERIQUE**

[72] LEE, CHUL SOO, KR  
[72] SONG, JAE HYUNG, KR  
[72] CHOI, IN HWAN, KR  
[72] KWAK, KOOK YEON, KR  
[72] KIM, BYOUNG GILL, KR  
[72] KIM, JIN PIL, KR  
[72] SUH, JONG YEUL, KR  
[72] SONG, WON GYU, KR  
[72] KIM, JIN WOO, KR  
[72] LEE, HYOUNG GON, KR  
[73] LG ELECTRONICS INC., KR  
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[30] US (60/974,084) 2007-09-21  
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[54] **IRON TYPE GOLF CLUBS AND GOLF CLUB HEADS HAVING WEIGHT CONTAINING AND/OR VIBRATION DAMPING INSERT MEMBERS**

[54] **CLUBS DE GOLF EN FER ET TETES DE CLUB DE GOLF EN FER AYANT DES ELEMENTS FORMANT INSERTS CONTENANT UN LEST ET/OU AMORTISSANT LES VIBRATIONS**

[72] BOYD, ROBERT, US  
[72] SLAUGHTER, BYRON COLE, US  
[72] GREEN, CHARLES JACK, III, US  
[73] NIKE INTERNATIONAL, LTD., US  
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[73] FLUID INCLUSION TECHNOLOGIES, INC., US  
[85] 2010-03-05  
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[25] EN  
[54] **METHOD AND SYSTEM FOR REALIZING NONLOSS TRANSMISSION OF MEDIA STREAM AFTER SWITCHING BETWEEN OPEN CALL AND SECRET CALL**

[54] **METHODE ET SYSTEME DE REALISATION DE TRANSMISSIONS SANS PERTES DE FLUX DE MEDIA SUITE A UNE COMMUTATION ENTRE UN APPEL OUVERT ET UN APPEL SECRET**

[72] GUAN, XIANFENG, CN  
[72] GUO, HAIGANG, CN  
[72] SHEN, JINGYUE, CN  
[73] ZTE CORPORATION, CN  
[85] 2010-03-12  
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[30] CN (200710121778.8) 2007-09-13

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[25] EN  
[54] **FLANGE COOLED TURBINE NOZZLE**

[54] **TUYERE DE TURBINE REFROIDIE PAR AILETTES**

[72] BROOMER, MARK, US  
[72] MANNING, ROBERT FRANCIS, US  
[72] LIU, HAIDONG, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2700019)  
[87] (2700019)  
[22] 2010-04-15  
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[54] **ETIQUETTE RFID DE QUALITE MEDICALE, HERMETIQUE, REUTILISABLE**

[72] SPROWL, CLYDE W., US  
[72] LAFONTAINE, MATTHEW R., US  
[72] WESTRICK, MICHAEL D., US  
[72] SANDS, DANIEL L., US  
[73] SOLSTICE MEDICAL, LLC, US  
[85] 2010-03-24  
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[54] **PORTE OU FENETRE A CADRE FIXE**  
[72] FURGERSON, DAVID, US  
[72] GIGGS, JULIAN, US  
[72] POTTHAST, JAMES, US  
[72] KRUMPE, GERAINT, US  
[72] BAKER, WAYNE PHILIP, GB  
[73] MILGARD MANUFACTURING INCORPORATED, US  
[86] (2701321)  
[87] (2701321)  
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[54] **SURGICAL STAPLER AND METHOD**  
[54] **AGRAFEUSE CHIRURGICALE ET PROCEDE ASSOCIE**  
[72] HEINRICH, RUSSELL, US  
[73] TYCO HEALTHCARE GROUP LP, US  
[86] (2703164)  
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[54] **AGENT ANTIPARASITAIRE POUR UN POISSON ET PROCEDE ANTIPARASITAIRE POUR UN POISSON**  
[72] KAWANO, FUMI, JP  
[72] HIRAZAWA, NORITAKA, JP  
[73] NIPPON SUISAN KAISHA, LTD., JP  
[85] 2010-04-21  
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[25] EN  
[54] **ARRANGEMENT AND METHOD FOR OPERATION OF A WIND ENERGY INSTALLATION OR OF A WIND FARM**  
[54] **DISPOSITIF ET PROCEDE D'UTILISATION D'UNE EOLIENNE OU D'UN PARC D'EOLIENNES**  
[72] BLUHM, ROMAN, DE  
[72] FRIEDERICH, SEBASTIAN, DE  
[72] ALTEMARK, JENS, DE  
[73] REPOWER SYSTEMS AG, DE  
[85] 2010-04-22  
[86] 2008-10-13 (PCT/EP2008/008658)  
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[30] DE (10 2007 050 644.0) 2007-10-23

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[54] **IMMERSION HEATERS**  
[54] **ELEMENTS CHAUFFANTS A IMMERSION**  
[72] HENRY, SAM W., US  
[72] NEILSON, PAUL, US  
[72] COOK, GARY, US  
[73] CHROMALOX, INC., US  
[86] (2704492)  
[87] (2704492)  
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[25] EN  
[54] **FUSED INDANE COMPOUND**  
[54] **COMPOSE D'INDANE FUSIONNE**  
[72] HAYASHIBE, SATOSHI, JP  
[72] YAMASAKI, SHINGO, JP  
[72] SHIRAIISHI, NOBUYUKI, JP  
[72] HOSHII, HIROAKI, JP  
[72] TOBE, TAKAHIKO, JP  
[73] ASTELLAS PHARMA INC., JP  
[85] 2010-05-18  
[86] 2008-11-26 (PCT/JP2008/071370)  
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[54] **OILFIELD AREA NETWORK COMMUNICATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TRANSMISSION PAR RESEAU LOCAL DE CHAMP DE PETROLE**

[72] DAUSSIN, RORY, US  
[72] ADAMS, MARK, US  
[72] KNIGHT, ANDY, US  
[72] DO, TUAN, US  
[72] BIBBY, BRETT, US  
[72] OEHLER, MATTHEW, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2010-05-27  
[86] 2008-12-10 (PCT/GB2008/004062)  
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[54] **VEHICLE ADAPTED FOR DISABLED PEOPLE**

[54] **VEHICULE ADAPTE AUX PERSONNES HANDICAPEES**

[72] ROHNER, LINUS, CH  
[72] ANDRES, CHRISTIAN, CH  
[72] GERSTER, BERNHARD, CH  
[72] AEBERHARD, HANNES, CH  
[72] SCHUETZ, DANIEL, CH  
[73] BOZZIO AG, CH  
[85] 2010-05-28  
[86] 2007-12-03 (PCT/EP2007/063140)  
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[54] **DRILLING CUTTINGS MOBILIZER**

[54] **MOBILISATEUR DE DEBLAIS DE FORAGE**

[72] ROBSON, DANIEL, CA  
[72] KONSCHUH, CHRISTOPHER, CA  
[72] COMEAU, LAURIER, CA  
[72] SIBBALD, PAUL, CA  
[73] ARRIVAL OIL TOOLS, INC., CA  
[86] (2707275)  
[87] (2707275)  
[22] 2010-06-11  
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[51] **Int.Cl. E05F 1/16 (2006.01) E05F 7/06 (2006.01)**

[25] EN

[54] **COUNTERBALANCE SYSTEM FOR A WINDOW HAVING SIDE LOADING SASHES**

[54] **SYSTEME DE CONTREPOIDS DE FENETRE DOTEE DE CHASSIS A CHARGEMENT LATERAL**

[72] KUNZ, JOHN R., US  
[73] JOHN EVANS' SONS, INC., US  
[86] (2707562)  
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[54] **METHOD AND SYSTEM FOR SECURE EXCHANGE OF DATA IN A NETWORK**

[54] **PROCEDE ET SYSTEME POUR UN ECHANGE SECURISE DE DONNEES DANS UN RESEAU**

[72] CHAUDHARY, RENU., US  
[72] JUNG, CYNTHIA M., US  
[72] SUN, JOSEPH T., US  
[72] BHATIA, PAWAN., US  
[72] CORMIER, CHRISTOPHER G., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2010-06-08  
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[25] EN

[54] **FOIL ROLL WITH WOUND STIFFENING CORE, APPARATUS FOR WINDING THE ROLL AND METHOD**

[54] **LAMINEUR AVEC NOYAU DE RAIDISSEMENT ENROULE, APPAREILLAGE D'ENROULEMENT ET METHODE**

[72] FISCHER, LARRY D., US  
[72] MOLISON, ROBERT E., US  
[72] WILLETT, ERIC S., US  
[73] ELSNER ENGINEERING WORKS, INC., US  
[86] (2708385)  
[87] (2708385)  
[22] 2010-06-25  
[30] US (61/219,846) 2009-06-24  
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[13] C

[51] **Int.Cl. B65D 71/40 (2006.01) B65D 21/02 (2006.01)**

[25] EN

[54] **CARRIER CAPABLE OF HANGING FROM A SIDE OF A CONTAINER**

[54] **DISPOSITIF DE TRANSPORT POUVANT ETRE ACCROCHE D'UN COTE D'UN CONTENANT**

[72] COOK, MATTHEW R., US  
[72] SILVERSTEIN, BARRY L., US  
[72] WOLF, KURT M., US  
[72] HUBBARD, JAMES A., JR., US  
[73] LBP MANUFACTURING, INC., US  
[86] (2709297)  
[87] (2709297)  
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[25] EN  
[54] **USE OF AQUEOUS SOLUTIONS OF ASCORBIC ACID IN THE TREATMENT OF DISORDERS OF THE EUSTACHIAN TUBE**  
[54] **UTILISATION DE SOLUTIONS AQUEUSES D'ACIDE ASCORBIQUE DANS LE TRAITEMENT DE TROUBLES DE LA TROMPE D'EUSTACHE**  
[72] DI BARTOLOMEO, JOSEPH R., US  
[73] DI BARTOLOMEO, JOSEPH R., US  
[85] 2010-06-22  
[86] 2008-07-10 (PCT/US2008/069687)  
[87] (WO2009/012121)  
[30] US (11/777,550) 2007-07-13

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[54] **CIGARETTE PACKAGE**  
[54] **PAQUET DE CIGARETTES**  
[72] NAKANO, KEIKO, JP  
[72] MIYAZAWA, AKIRA, JP  
[73] JAPAN TOBACCO INC., JP  
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[86] 2009-01-09 (PCT/JP2009/050221)  
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[51] **Int.Cl. H03M 7/30 (2006.01)**  
[25] EN  
[54] **CODING METHOD, DECODING METHOD, APPARATUSES THEREOF, PROGRAMS THEREOF, AND RECORDING MEDIUM**  
[54] **METHODE DE CODAGE, METHODE DE DECODAGE ET DISPOSITIFS CONNEXES, PROGRAMMES CONNEXES ET SUPPORT D'ENREGISTREMENT**  
[72] SASAKI, SHIGEAKI, JP  
[72] MORI, TAKESHI, JP  
[72] OHMURO, HITOSHI, JP  
[72] HIWASAKI, YUSUKE, JP  
[72] KATAOKA, AKITOSHI, JP  
[72] TSUTSUMI, KIMITAKA, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[85] 2010-07-06  
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[25] EN  
[54] **ROLLING MILL AND ROLLING METHOD FOR FLAT PRODUCTS OF STEEL**  
[54] **LAMINOIR ET METHODE DE LAMINAGE DE PRODUITS PLATS D'ACIER**  
[72] OGAWA, SHIGERU, JP  
[72] ISHII, ATSUSHI, JP  
[72] KASAI, DAISUKE, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2010-07-09  
[86] 2009-02-24 (PCT/JP2009/053791)  
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[30] JP (2008-052930) 2008-03-04  
[30] JP (2008-291590) 2008-11-14

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[13] C

[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/77 (2006.01) F23J 15/00 (2006.01)**  
[25] EN  
[54] **AIR POLLUTION CONTROL SYSTEM AND METHOD FOR COAL COMBUSTION BOILER**  
[54] **SYSTEME DE CONTROLE DE LA POLLUTION ATMOSPHERIQUE ET PROCEDE POUR CHAUDIERE AU CHARBON**  
[72] UKAI, NOBUYUKI, JP  
[72] HONJO, SHINTARO, JP  
[72] OKINO, SUSUMU, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2010-07-13  
[86] 2009-01-20 (PCT/JP2009/050770)  
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[30] JP (2008-010330) 2008-01-21

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 21/08 (2006.01) E21B 25/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM OF MONITORING ROTATIONAL TIME OF ROTATABLE EQUIPMENT**  
[54] **PROCEDE ET SYSTEME DE CONTROLE DU TEMPS DE ROTATION D'UN EQUIPEMENT ROTATIF**  
[72] PRILL, JONATHAN RYAN, CA  
[72] TANG, MICHAEL X., US  
[73] NATIONAL OILWELL VARCO, L.P., US  
[85] 2010-07-15  
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[30] US (61/029,000) 2008-02-15

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- [25] FR
- [54] **USE OF A COMPOSITION FOR TREATING THE SURFACES OF LIVESTOCK BUILDINGS AND/OR THE MATERIAL THEREIN**
- [54] **UTILISATION D'UNE COMPOSITION POUR LE TRAITEMENT DES SURFACES DES BATIMENTS D'ELEVAGE ET/OU DE LEUR MATERIEL**
- [72] ALASRI, RICHARD, BE  
[72] BRUTSAERT, KOEN, BE  
[73] CID LINES N.V., BE  
[85] 2010-07-30  
[86] 2009-02-05 (PCT/EP2009/000789)  
[87] (WO2009/098054)  
[30] FR (08/00577) 2008-02-05

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[13] C

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- [25] EN
- [54] **DENTAL ORAL COMPOSITION**
- [54] **COMPOSITION ORALE DENTAIRE**
- [72] YOSHIDA, YASUHIRO, JP  
[72] NAMBA, NAOKO, JP  
[72] NAGAOKA, NORIYUKI, JP  
[72] TAKASHIBA, SHOGO, JP  
[72] SUZUKI, KAZUOMI, JP  
[72] NOJIRI, YAMATO, JP  
[72] ISHINO, HIROSHIGE, JP  
[72] SEKIGUCHI, TAKAHIRO, JP  
[72] OKADA, KOICHI, JP  
[73] NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY, JP  
[85] 2010-07-14  
[86] 2009-01-15 (PCT/JP2009/050476)  
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[30] JP (2008-008428) 2008-01-17

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[13] C

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- [25] EN
- [54] **BATTERY COVER AND PIVOTING LATCH ASSEMBLY FOR A PORTABLE ELECTRONIC DEVICE**
- [54] **COUVERCLE DE BATTERIE ET ENSEMBLE A FLEAUX POUR DISPOSITIF ELECTRONIQUE PORTABLE**
- [72] RAJAGOPAL VIJAI, IN  
[72] INFANTI, JAMES CARL, CA  
[72] KYOWSKI, TIMOTHY HERBERT, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2713612)  
[87] (2713612)  
[22] 2010-08-18  
[30] EP (09168165.0) 2009-08-19

[11] **2,713,818**  
[13] C

- [51] **Int.Cl. H02B 1/04 (2006.01) H02J 3/06 (2006.01)**
- [25] EN
- [54] **PANELBOARD ENCLOSURE WITH INSTALLABLE PANELBOARD ASSEMBLY**
- [54] **ENCEINTE DE PANNEAUX DE DISTRIBUTION A LOGEMENT POUR UN TABLEAU SUPPLEMENTAIRE**
- [72] COSLEY, MICHAEL R., US  
[72] MATHERON, GARRETT, US  
[72] AMOROSO, ALAN, US  
[73] DIVERSIFIED CONTROL INC, US  
[86] (2713818)  
[87] (2713818)  
[22] 2010-08-27  
[30] US (12/817,626) 2010-06-17

[11] **2,713,911**  
[13] C

- [51] **Int.Cl. H02B 1/04 (2006.01) H02J 3/06 (2006.01)**
- [25] EN
- [54] **PANELBOARD ENCLOSURE WITH EXTERNAL POWER CUTOFF SWITCH**
- [54] **ENCEINTE DE PANNEAUX DE DISTRIBUTION AVEC COUPE-CIRCUIT D'ALIMENTATION EXTERNE**
- [72] COSLEY, MICHAEL R., US  
[72] MATHERON, GARRETT, US  
[72] AMOROSO, ALAN, US  
[73] DIVERSIFIED CONTROL INC, US  
[86] (2713911)  
[87] (2713911)  
[22] 2010-08-27  
[30] US (12/817,594) 2010-06-17

[11] **2,714,097**  
[13] C

- [51] **Int.Cl. F02G 1/044 (2006.01) F02G 1/043 (2006.01) F02G 1/055 (2006.01)**
- [25] EN
- [54] **COGENERATION APPARATUS FOR HEAT AND ELECTRIC POWER PRODUCTION**
- [54] **APPAREIL DE COGENERATION UTILISE POUR PRODUIRE DE LA CHALEUR ET DE L'ENERGIE ELECTRIQUE**
- [72] MAURIZZI, MARINELLA, CH  
[73] TRADEWAVE AG, CH  
[85] 2010-08-04  
[86] 2009-02-05 (PCT/IB2009/000208)  
[87] (WO2009/098580)  
[30] IT (BO2008A000079) 2008-02-06

[11] **2,716,729**  
[13] C

- [51] **Int.Cl. B02C 21/02 (2006.01) B65G 15/26 (2006.01) E21F 13/08 (2006.01)**
- [25] EN
- [54] **OVERBURDEN REMOVAL SYSTEM WITH TRIPLE TRACK MOBILE SIZER**
- [54] **SYSTEME D'ENLEVEMENT DE MORTS-TERRAINS AVEC CALIBREUSE MOBILE A TROIS CHENILLES**
- [72] DAVIS, GLENN IRL, US  
[73] FLISMIDTH A/S, DK  
[85] 2010-08-24  
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[51] **Int.Cl. B64C 25/10 (2006.01)**  
[25] EN  
[54] **A RETRACTABLE UNDERCARRIAGE FOR AN AIRCRAFT**  
[54] **TRAIN D'ATTERRISSAGE ESCAMOTABLE POUR AERONEF**  
[72] KOLETZKO, WOLFRAM, DE  
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[54] **SYSTEME DE STOCKAGE**  
[72] SHAHA, KEVIN BRUCE, US  
[72] SHELDON, ROBERT W., US  
[72] FOSTER, GREGORY J., US  
[72] LLANES, RONALD M., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[54] **CONFIGURABLE TRANSACTIONAL MEMORY FOR SYNCHRONIZING TRANSACTIONS**  
[54] **MEMOIRE DE TRANSACTIONS CONFIGURABLE POUR SYNCHRONISER DES TRANSACTIONS**  
[72] KULKARNI, CHIDAMBER R., US  
[72] KACHRIS, CHRISTOFOROS, US  
[73] XILINX, INC., US  
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[54] **DETECTION AND ENUMERATION OF MICROORGANISMS**  
[54] **DETECTION ET DENOMBREMENT DE MICROORGANISMES**  
[72] FOVET, YANNICK, DE  
[72] DUKAN, SAM, FR  
[72] DUCRET, ADRIEN, FR  
[73] BASF SE, DE  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
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[25] EN  
[54] **METHOD FOR SEROLOGIC AGGLUTINATION AND OTHER IMMUNOASSAYS PERFORMED IN A THIN FILM FLUID SAMPLE**  
[54] **PROCEDE D'AGGLUTINATION SEROLOGIQUE ET AUTRES TESTS IMMUNOLOGIQUES EFFECTUES DANS UN ECHANTILLON DE FLUIDE EN FILM MINCE**  
[72] WARDLAW, STEPHEN C., US  
[72] LEVINE, ROBERT A., US  
[73] ABBOTT POINT OF CARE, INC., US  
[85] 2010-09-29  
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[25] EN  
[54] **DETECTING LEGACY SPOOFING IN REDUCED FUNCTIONALITY USER TERMINALS**  
[54] **DETECTION D'UNE MYSTIFICATION DE SYSTEME PATRIMONIAL DANS DES TERMINAUX UTILISATEURS A FONCTIONNALITE REDUITE**  
[72] NANDA, SANJIV, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **BLOW MOLDED POLYESTER CONTAINER WITH AN OVER-MOLDED THERMOPLASTIC LAYER**  
[54] **CONTENANT EN POLYESTER MOULE PAR SOUFFLAGE PRESENTANT UNE COUCHE THERMOPLASTIQUE MOULEE AU-DESSUS**  
[72] SHI, YU, US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[85] 2010-10-01  
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[54] **FUNGICIDAL ACTIVE COMPOUND COMBINATIONS**  
[54] **COMBINAISONS DE SUBSTANCES ACTIVES FONGICIDES**  
[72] DUTZMANN, STEFAN, DE  
[72] STENZEL, KLAUS, DE  
[72] JAUTELAT, MANFRED, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
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[54] **ULTRA LOW MELT METAL NANOPARTICLE COMPOSITION FOR THICK-FILM APPLICATIONS**  
[54] **COMPOSITION DE NANOPARTICULE METALLIQUE A POINT DE FUSION TRES BAS POUR DES APPLICATIONS DE FILMS EPAIS**  
[72] LIU, PING, CA  
[72] WU, YILIANG, CA  
[72] WIGGLESWORTH, ANTHONY, CA  
[72] HU, NAN-XING, CA  
[73] XEROX CORPORATION, US  
[86] (2722639)  
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[25] EN  
[54] **DYNAMIC ACCOUNT AUTHENTICATION USING A MOBILE DEVICE**  
[54] **AUTHENTIFICATION DE COMPTE DYNAMIQUE UTILISANT UN DISPOSITIF MOBILE**  
[72] BEENAU, BLAYN, US  
[72] GRAY, WILLIAM J., US  
[72] LANGUS, JEFFREY D., US  
[72] WHITTINGTON, DAVID P., GB  
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US  
[85] 2010-10-29  
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[54] **MICROEMULSION COMPOSITION AND METHOD FOR TREATMENT OF A SUBTERRANEAN FORMATION**  
[54] **COMPOSITION DE MICRO-EMULSION ET METHODE DE TRAITEMENT D'UNE FORMATION SOUTERRAINE**  
[72] ALI, SYED, US  
[72] LI, LEIMING, US  
[72] HOWARD, PAUL R., US  
[72] MUKHOPADHYAY, SUMITRA, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2010-11-03  
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[25] EN  
[54] **NETWORKED WAVEFORM SYSTEM**  
[54] **SYSTEME DE FORME D'ONDE EN RESEAU**  
[72] VENKATACHALAM, CHANDRASEKARAN, US  
[72] BHARADWAJ, NITIN, US  
[73] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 2010-11-05  
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[25] EN  
[54] **SURFACTANT CONCENTRATE**  
[54] **TENSIOACTIF CONCENTRE**  
[72] COURCHAY, FLORENCE CATHERINE, BE  
[72] NUYTS, WALTER, BE  
[72] WINTER, JOHANNES GEORG, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[25] EN  
[54] **MOBILE COMMUNICATIONS DEVICE HAVING A ROTATABLE MEMBER**  
[54] **DISPOSITIF DE COMMUNICATION MOBILE MUNI D'UN ELEMENT ROTATIF**  
[72] GRIFFIN, JASON TYLER, CA  
[72] RIDDIFORD, MARTIN, GB  
[72] ALLWRIGHT, JULIA, GB  
[72] REEVES, JAMES, GB  
[73] RESEARCH IN MOTION LIMITED, CA  
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[54] **PIGMENTED PHASE CHANGE INKS CONTAINING LOW MOLECULAR WEIGHT PIGMENT DISPERSANTS**  
[54] **ENCREES PIGMENTEES A CHANGEMENT DE PHASE CONTENANT DES AGENTS DE DISPERSION DE PIGMENTS DE FAIBLE POIDS MOLECULAIRE**  
[72] GOREDEMA, ADELA, CA  
[72] BIRAU, MARIA, CA  
[72] ALLEN, C. GEOFFREY, CA  
[72] TUREK, CAROLINE M., CA  
[72] HABERL, MAXINE, CA  
[72] WAGNER, CHRISTOPHER A., CA  
[72] ODELL, PETER G., CA  
[72] WONG, RAYMOND W., CA  
[73] XEROX CORPORATION, US  
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[25] EN  
[54] **MOBILE COMMUNICATION METHOD AND MOBILE STATION**  
[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION MOBILE**  
[72] HAPSARI, WURI ANDARMAWANTI, JP  
[72] IWAMURA, MIKIO, JP  
[72] ZUGENMAIER, ALF, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2010-11-02  
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[25] EN  
[54] **ANTINEOPLASTIC COMBINATIONS CONTAINING HKI-272 AND VINORELBINE**  
[54] **COMBINAISONS ANTINEOPLASTIQUES CONTENANT DU HKI-272 ET DE LA VINORELBINE**  
[72] ZACHARCHUK, CHARLES, US  
[73] WYETH LLC, US  
[85] 2010-11-23  
[86] 2009-06-17 (PCT/US2009/047643)  
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[25] EN  
[54] **LINK EXCHANGE SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ECHANGE DE LIENS**  
[72] NABUTOVSKY, SERGE, US  
[73] NABUTOVSKY, SERGE, US  
[85] 2010-11-30  
[86] 2009-08-06 (PCT/US2009/004493)  
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[30] US (61/136,036) 2008-08-07

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[25] EN  
[54] **CARBON REMOVAL FROM AN INTEGRATED THERMAL RECOVERY PROCESS**  
[54] **ELIMINATION DU CARBONE D'UN PROCEDE DE RECUPERATION THERMIQUE INTEGRE**  
[72] GIL, HENRY, CA  
[72] SQUIRES, ANDREW, CA  
[73] OSUM OIL SANDS CORP., CA  
[85] 2010-12-10  
[86] 2009-07-07 (PCT/IB2009/006522)  
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[54] **BARBECUE COMPRENANT UNE SECTION DE SAISIE**  
[72] SCHLOSSER, ERICH, US  
[72] BRUNO, ADRIAN A., US  
[73] WEBER-STEPHEN PRODUCTS CO., US  
[85] 2010-12-15  
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[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTION OF ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SIGNALS BY COGNITIVE RADIOS**  
[54] **PROCEDE ET APPAREIL POUR LA DETECTION DE SIGNAUX DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM) GRACE A DES ONDES RADIO COGNITIVES**  
[72] RAO, YADUNANDANA N., US  
[72] CHAUDHRI, APOORV, US  
[72] CORKE, ROBERT J., US  
[73] MOTOROLA SOLUTIONS, INC., US  
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[54] **COATING COMPOSITION  
COMPRISING PHOTOCATALYST  
COATED WITH APATITE AND  
RADIANT HEATING SYSTEM  
HAVING THE SAME**

[54] **COMPOSITION DE REVETEMENT  
COMPRENANT UN  
PHOTOCATALYSEUR REVETU  
D'APATITE, ET SYSTEME DE  
CHAUFFAGE RAYONNANT  
PRESENTANT CETTE  
COMPOSITION**

[72] LEE, KWANG SEONG, KR  
[72] HUR, DONG RYOL, KR  
[72] LEE, JANG MOK, KR  
[73] ENERGY KOREA INC., KR  
[85] 2010-12-20  
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[54] **HYDRO-GENERATOR SOFT  
START**

[54] **DEMARRAGE SOUPLE D'UN  
HYDROGENERATEUR**

[72] SCHMITT, RANDALL PAUL, US  
[72] BELZ, JEFF, US  
[73] MASCO CORPORATION, US  
[86] (2729202)  
[87] (2729202)  
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B29C 49/08 (2006.01) B65D 1/00  
(2006.01) B65D 1/02 (2006.01)**

[25] EN  
[54] **LAMINATED SYNTHETIC RESIN  
BOTTLE, INJECTION MOLDING  
DEVICE, AND PROCESS FOR  
MOLDING A LAMINATED  
PREFORM**

[54] **CORPS DE BOUTEILLE  
STRATIFIE EN RESINE  
SYNTHETIQUE, APPAREIL DE  
MOULAGE PAR INJECTION ET  
PROCESSUS DE MOULAGE  
D'UNE PREFORME STRATIFIEE**

[72] TOYODA, TAMOTSU, JP  
[72] HOSOKOSHIYAMA, HIROSHI, JP  
[72] ISHIZAWA, YASUHIRO, JP  
[72] SOYAMA, HIDEAKI, JP  
[73] YOSHINO KOGYOSHO CO., LTD.,  
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[86] 2009-06-29 (PCT/JP2009/061820)  
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[30] JP (2008-171868) 2008-06-30  
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[51] **Int.Cl. A61G 7/10 (2006.01)**

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[54] **PATIENT LIFT WITH HANGER  
BAR ATTACHMENT**

[54] **DISPOSITIF DE SOULEVEMENT  
D'UN PATIENT EQUIPE D'UN  
ACCESSOIRE DE TYPE BARRE  
DE SUSPENSION**

[72] CHAPMAN, KENNETH, US  
[72] ZHOU, JAMES, CN  
[72] SPIDARE, FRANCES, US  
[72] WANG, ROGER, CN  
[73] INVACARE CORPORATION, US  
[85] 2011-01-06  
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F16C 43/02 (2006.01) F16H 1/28  
(2006.01) F16H 55/06 (2006.01) F16H  
57/08 (2006.01) H02K 7/116 (2006.01)**

[25] EN  
[54] **PLANETARY GEAR TRAIN,  
BEARING STRUCTURE, WIND  
TURBINE GENERATOR, AND  
MANUFACTURE METHOD OF  
PLANETARY GEAR**

[54] **TRAIN PLANETAIRE,  
STRUCTURE DE SUPPORT,  
GENERATEUR EOLIEN ET  
PROCEDE DE FABRICATION  
D'UN TRAIN PLANETAIRE**

[72] SUZUKI, KAZUTAKA, JP  
[72] TAKAYANAGI, KAZUFUMI, JP  
[72] YOSHIDA, TAKAFUMI, JP  
[72] NISHIDA, HIDEAKI, JP  
[72] UESATO, MOTOHISA, JP  
[72] KUSAKA, MASAHIRO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
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[54] **FACTOR VIII POLYMER  
CONJUGATES**

[54] **CONJUGUES POLYMERES DE  
FACTEUR VIII**

[72] TURECEK, PETER, AT  
[72] SIEKMANN, JUERGEN, AT  
[73] BAXTER INTERNATIONAL, INC.,  
US  
[73] BAXTER HEALTHCARE S.A., CH  
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[86] 2009-07-29 (PCT/US2009/052103)  
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[25] EN  
[54] **HIGH DATA RATE INTERFACE WITH IMPROVED LINK SYNCHRONIZATION**  
[54] **INTERFACE HAUT DEBIT DE DONNEES A SYNCHRONISATION DE LIAISONS AMELIOREE**  
[72] ANDERSON, JON JAMES, US  
[72] STEELE, BRIAN, US  
[72] WILEY, GEORGE ALAN, US  
[72] SHEKHAR, SHASHANK, US  
[73] QUALCOMM INCORPORATED, US  
[86] (2731363)  
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[22] 2004-12-08  
[62] 2,548,412  
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[51] **Int.Cl. A41D 19/00 (2006.01) B32B 7/14 (2006.01)**  
[25] EN  
[54] **LAYERED STRUCTURE WITH BARRIER LAYER, APPAREL PIECE WITH SUCH A LAYERED STRUCTURE AND PRODUCTION OF SUCH A LAYERED STRUCTURE**  
[54] **STRUCTURE STRATIFIEE MUNIE D'UNE COUCHE BARRIERE, PIECE DE VETEMENT MUNIE D'UNE TELLE STRUCTURE STRATIFIEE ET FABRICATION D'UNE TELLE STRUCTURE STRATIFIEE**  
[72] ZAGGL, ALEXANDER, DE  
[72] ZOUDLIK, HOLGER, DE  
[72] KLUG, HELMUT, DE  
[73] W.L. GORE & ASSOCIATES GMBH, DE  
[85] 2011-02-01  
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[30] DE (10 2008 044 982.2) 2008-08-29

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[54] **AMORTISSEUR D'UNE PALE, ET ROTOR MUNI D'UN TEL AMORTISSEUR**  
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[72] FERRANT, MATTHIEU, FR  
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[54] **CONFIGURATION PHOTOSENSIBLE DE PRODUITS SCelles POUR L'ENVIRONNEMENT UTILISES POUR DES MESURES**  
[72] BAKER, MARVIN C., US  
[72] BRAGG, STEVEN D., US  
[73] ELSTER SOLUTIONS, LLC, US  
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[54] **FACTEURS DE FORME DE LIO OPTIMUM POUR L'OEIL HUMAIN**  
[72] HONG, XIN, US  
[72] VAN NOY, STEPHEN J., US  
[72] XIE, JIHONG, US  
[72] STANLEY, DAN, US  
[72] KARAKELLE, MUTLU, US  
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[73] NOVABASE DIGITAL TV TECHNOLOGIES GMBH, DE  
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[54] **MIXTURES FOR PRODUCING BIODEGRADABLE ALIPHATIC POLYESTER-BASED MOLDED BODIES AND FOR PRODUCING POLYMER POWDERS THAT CAN BE RE-DISPERSED IN WATER**  
[54] **MELANGES POUR LA PRODUCTION DE CORPS MOULES BIODEGRADABLES, A BASE DE POLYESTERS ALIPHATIQUES ET DE POUDRES POLYMERES REDISPERSIBLES DANS L'EAU**  
[72] PFAADT, MARCUS, DE  
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[73] WACKER CHEMIE AG, DE  
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[54] **MACHINE ELECTRIQUE SYNCHRONE A COURANT ALTERNATIF A AIMANT PERMANENT**  
[72] XU, XIAOHUA, CN  
[72] JIANG, JIANZHONG, CN  
[72] ZHANG, YUEJIN, CN  
[72] CUI, WEI, CN  
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[54] **SYSTEMS, METHODS AND APPARATUSES FOR CLAMPING AND RECLAMPING AN ORTHOPEDIC SURGICAL CABLE**  
[54] **SYSTEMES, PROCEDES ET APPAREILS POUR LE SERRAGE ET LE DESSERRAGE D'UN CABLE CHIRURGICAL ORTHOPEDIQUE**  
[72] BELEW, KEVIN, US  
[72] BERGIN, ALISHA, US  
[72] FREDERICK, PHIL, US  
[72] JONES, JERRY L., US  
[72] KELMAN, DAVID C., US  
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[72] SHEA, JEFFREY J., US  
[72] ALLEN, C. WAYNE, US  
[72] MCLEAN, TERRY, US  
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[25] EN  
[54] **POLYMER-CLAY NANOCOMPOSITE AND PROCESS FOR PREPARING SAME**  
[54] **NANO-COMPOSITE ARGILE-POLYMER ET PROCEDE DE PREPARATION CORRESPONDANT**  
[72] WENG, WEIQING, US  
[72] STOKES, JAMES P., US  
[72] STACHOWSKI, EDMUND J., III, US  
[72] JOHNSTON, MOLLY W., US  
[72] WEBB, ROBERT N., US  
[72] VARADARAJ, RAMESH, US  
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[72] LOHSE, DAVID JOHN, US  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
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[54] **FISHING APPARATUS**  
[54] **MATERIEL DE PECHE**  
[72] MARTINELLA, CHAD ELLIOT, CA  
[72] MARTINELLA, LAWRENCE JOHN, CA  
[73] MARTINELLA, CHAD ELLIOT, CA  
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[54] **CASSETTE DE RUBAN DE DIAGNOSTIC, EN PARTICULIER POUR DES TESTS DE GLYCEMIE**  
[72] SACHERER, KLAUS-DIETER, DE  
[73] F. HOFFMANN-LA ROCHE AG, CH  
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[25] EN  
[54] **NOVEL 4- (AZACYCLOALKYL) BENZENE-1,3-DIOL COMPOUNDS AS TYROSINASE INHIBITORS, PROCESS FOR THE PREPARATION THEREOF AND USE THEREOF IN HUMAN MEDICINE AND IN COSMETICS**  
[54] **NOUVEAUX COMPOSES DE 4- (AZACYCLOALKYL) BENZENE-1, 3-DIOL UTILISES COMME INHIBITEURS DE LA TYROSINASE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN MEDICINE HUMAINE ET DANS LES COSMETIQUES**  
[72] BOITEAU, JEAN-GUY, FR  
[72] BOUQUET, KARINE, FR  
[72] TALANO, SANDRINE, FR  
[72] MILLOIS BARBUIS, CORINNE, FR  
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[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/12 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRINTER OPTIMIZATION**  
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION D'IMPRIMANTE**  
[72] WESSON, R. MATTHEW, US  
[72] PARATORE, ROBERT, US  
[72] COLE, ROBIN, US  
[73] ADAPX, INC., US  
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[25] EN  
[54] **SYSTEM FOR DETECTING PROXIMITY BETWEEN A WIND TURBINE BLADE AND A TOWER WALL**  
[54] **DETECTEUR DE PROXIMITE D'UNE PALE D'EOLIENNE PAR RAPPORT AU MUR DE LA TOUR**  
[72] NEUMANN, ULRICH, US  
[73] GENERAL ELECTRIC COMPANY, US  
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[51] **Int.Cl. H04W 28/00 (2009.01)**  
[25] EN  
[54] **USER EQUIPMENT, METHOD FOR DETERMINING RESOURCE, METHOD FOR REPORTING RESOURCE, AND SYSTEM FOR DISTRIBUTING RESOURCE**  
[54] **EQUIPEMENT D'USAGER, PROCEDE POUR DETERMINER DES RESSOURCES, PROCEDE POUR RAPPORTER DES RESSOURCES ET SYSTEME DE DISTRIBUTION DE RESSOURCES**  
[72] ZHANG, YI, CN  
[72] MA, JIE, CN  
[72] WANG, HAIDAN, CN  
[72] HE, CHUANFENG, CN  
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[51] **Int.Cl. H02J 3/38 (2006.01) H02J 3/04 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A HYBRID POWER SYSTEM**  
[54] **PROCEDE ET APPAREIL DE REGULATION D'UN SYSTEME D'ALIMENTATION HYBRIDE**  
[72] SEEKER, STEVEN, US  
[72] DENNIS, KEVIN, US  
[72] HUGHES, MIKE, US  
[73] ZBB ENERGY CORPORATION, US  
[85] 2011-07-05  
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[51] **Int.Cl. C07C 309/66 (2006.01) A61K 31/55 (2006.01) A61P 9/04 (2006.01) A61P 9/06 (2006.01) A61P 9/10 (2006.01) C07C 43/225 (2006.01) C07D 223/16 (2006.01)**  
[25] FR  
[54] **NOVEL METHOD FOR THE SYNTHESIS OF IVABRADINE AND THE PHARMACEUTICALLY ACCEPTABLE ACID ADDITION SALTS THEREOF**  
[54] **NOUVEAU PROCEDE DE SYNTHESE DE L'IVABRADINE ET DE SES SELS D'ADDITION A UN ACIDE PHARMACEUTIQUEMENT ACCEPTABLE**  
[72] PEGLION, JEAN-LOUIS, FR  
[72] DESSINGES, AIMEE, FR  
[72] SERKIZ, BERNARD, FR  
[72] LERESTIF, JEAN-MICHEL, FR  
[72] LECOUBE, JEAN-PIERRE, FR  
[73] LES LABORATOIRES SERVIER, FR  
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[25] EN  
[54] **A METHOD FOR THE PREPARATION OF A HIGH-TEMPERATURE STABLE OXYGEN-CARRIER-CONTAINING PHARMACEUTICAL COMPOSITION AND THE USE THEREOF**  
[54] **UNE METHODE DE PREPARATION D'UNE COMPOSITION PHARMACEUTIQUE CONTENANT UN VECTEUR D'OXYGENE ET STABLE A HAUTE TEMPERATURE ET SON UTILISATION**  
[72] WONG, BING LOU, US  
[72] KWOK, SUI YI, HK  
[73] FIRST GAIN INTERNATIONAL LIMITED, HK  
[85] 2011-09-06  
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[54] **COMMANDE DE COMMUNICATIONS DE DONNEES D'URGENCE DE SYSTEME EMBARQUE A BORD D'UN VEHICULE (IVS)**  
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[73] AIRBIQUITY INC., US  
[85] 2011-08-30  
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[54] **SELF-LATCHING LOCKING ASSEMBLY**  
[54] **ENSEMBLE DE VERROUILLAGE AUTOMATIQUE**  
[72] BURKE, EDWARD J., US  
[72] GWILLIM, ROBERT H., US  
[73] CHANNELL COMMERCIAL CORPORATION, US  
[85] 2011-08-17  
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[54] **FUEL CELL SYSTEM WITH COOLING WATER CIRCULATION CONTROL**  
[54] **SYSTEME DE PILE A COMBUSTIBLE AYANT UNE COMMANDE DE CIRCULATION D'EAU DE REFROIDISSEMENT**  
[72] NAGANUMA, YOSHIKI, JP  
[72] TANAKA, HIROMI, JP  
[72] YUMITA, OSAMU, JP  
[72] TEZUKA, TAKAYOSHI, JP  
[72] MIZUNO, NOBUKAZU, JP  
[72] FUJI, MASASHI, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[54] **SYSTEME DE RACLOIR TUBULAIRE ACHEMINE SUR UNE LIGNE DE GLISSEMENT**  
[72] LYNDE, GERALD D., US  
[72] XU, YANG, US  
[73] BAKER HUGHES INCORPORATED, US  
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[25] EN  
[54] **AN INPUT CONVERTER FOR A HEARING AID AND SIGNAL CONVERSION METHOD**  
[54] **CONVERTISSEUR D'ENTREE POUR PROTHESE AUDITIVE ET PROCEDE DE CONVERSION DE SIGNAL**  
[72] KNUDSEN, NIELS OLE, DK  
[73] WIDEX A/S, DK  
[85] 2011-10-21  
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[54] **SHEET-FORM MEMBRANE SAMPLE PROBE, METHOD AND APPARATUS FOR FLUID CONCENTRATION ANALYSIS**  
[54] **SONDE A ECHANTILLONS AVEC MEMBRANE SOUS FORME DE FEUILLE, METHODE ET DISPOSITIF D'ANALYSE DE CONCENTRATION DE FLUIDES**  
[72] BRUMBOIU, AUREL D., CA  
[72] NORQUAY, DARRELL A., CA  
[72] WILLIAM, BRUCE, CA  
[73] DATALOG ACQUISITION, LLC, US  
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[25] EN  
[54] **GAS REMOVAL PROCESS COMPRISING FIRST AND SECOND ABSORBERS**  
[54] **PROCEDE POUR UNE ZONE D'EXTRACTION DE GAZ**  
[72] LECHNICK, WILLIAM J., US  
[72] DAVIS, LAMAR A., US  
[72] BAHR, DAVID ALDEN, US  
[72] ROBERTS, CARLA F., US  
[73] UOP LLC, US  
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[25] EN  
[54] **METHOD AND SYSTEM FOR UNIFIED MOBILE CONTENT PROTECTION**  
[54] **PROCEDE ET SYSTEME POUR UNE PROTECTION DE CONTENU DE MOBILE UNIFIEE**  
[72] NAIR, RAJ, US  
[72] MIKHAILOV, MIKHAIL, US  
[73] AZUKI SYSTEMS, INC., US  
[85] 2012-02-14  
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[54] **PROCESSES FOR PREPARING GLATIRAMER**  
[54] **PROCEDES DE PREPARATION D'UN GLATIRAMERE**  
[72] RAY, ANUP KUMAR, US  
[72] PATEL, HIREN KUMAR V., US  
[72] LUDESCHER, JOHANNES, AT  
[72] ANBAZHAGAN, MARIAPPAN, US  
[72] PATEL, MAHENDRA R., US  
[72] MACHER, INGOLF, AT  
[73] SANDOZ AG, CH  
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[22] 2005-10-27  
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[25] EN  
[54] **DISPERSION AND METHOD FOR MODIFYING A SURFACE WITH HYDROPHOBIZED SILICA**  
[54] **DISPERSION ET PROCEDE DE MODIFICATION D'UNE SURFACE AU MOYEN D'ACIDE SILIQUE RENDU HYDROPHOBE**  
[72] PEGGAU, JOERG, DE  
[72] JAKOB, HARALD, DE  
[72] LORTZ, WOLFGANG, DE  
[73] EVONIK DEGUSSA GMBH, DE  
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[54] **POTTING BENCH**  
[54] **TABLE DE REMPOTAGE**  
[72] HUANG, DAIYING, US  
[72] CLAVETTE, SAMUEL J., US  
[72] GROTTA, STEPHANIE A., US  
[72] PEDERSEN, SARA L., US  
[73] TARGET BRANDS, INC., US  
[86] (2768778)  
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[54] **ULTRASONIC CELLULAR TISSUE SCREENING TOOL**  
[54] **OUTIL DE DEPISTAGE ULTRASONIQUE DE TISSU CELLULAIRE**  
[72] KELLY, KEVIN, US  
[72] ROYCE, ROGER, US  
[72] PETERSON, RICHARD J., US  
[72] PONCE, LUIS E., US  
[72] UNDERBRINK, CHRISTOPHER M., US  
[72] SMITH, MATTHEW W., US  
[72] GOSS, DONALD C., US  
[73] SONOCINE, INC., US  
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[51] **Int.Cl. A61L 27/44 (2006.01) A61K 35/12 (2006.01) A61L 27/24 (2006.01) A61L 27/38 (2006.01)**

[25] EN  
[54] **METHOD FOR TREATING A PATIENT USING A CULTURED CONNECTIVE TISSUE CONSTRUCT**  
[54] **METHODE DE TRAITEMENT D'UN PATIENT AU MOYEN D'UN PRODUIT TISSULAIRE CONJONCTIF CULTIVE**  
[72] PARENTEAU, NANCY L., US  
[72] ROBERTSON, JAMES T., US  
[73] ORGANOGENESIS INC., US  
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[25] EN  
[54] **BINDER RESIN FOR TONER, TONER AND METHOD FOR PRODUCING SAME**  
[54] **RESINE LIANTE POUR TONER, TONER ET PROCEDE DE FABRICATION DE CE TONER**  
[72] MATSUOKA, HIROSHI, JP  
[72] TAKEI, HIROYUKI, JP  
[72] MUIRE, LINWOOD BLANTON, III, JP  
[73] MITSUI CHEMICALS, INC., JP  
[85] 2012-05-15  
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[54] **ROOM-TEMPERATURE BONDING APPARATUS**  
[54] **DISPOSITIF D'ASSEMBLAGE A LA TEMPERATURE NORMALE**  
[72] GOTO, TAKAYUKI, JP  
[72] UTSUMI, JUN, JP  
[72] IDE, KENSUKE, JP  
[72] TAKAGI, HIDEKI, JP  
[72] FUNAYAMA, MASAHIRO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[54] **GILET DE SAUVETAGE**  
[72] TSOLKAS, ALEXANDER, DE  
[73] TSOLKAS, ALEXANDER, DE  
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[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 33/48 (2006.01) G01N 35/00 (2006.01)**

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[54] **INTEGRATED HINGED CARTRIDGE HOUSINGS FOR SAMPLE ANALYSIS**  
[54] **LOGEMENTS INTEGRES A CHARNIERE POUR CARTOUCHE DESTINES A UNE ANALYSE D'ECHANTILLONS**  
[72] DOYLE, KEVIN JOHN, CA  
[72] WILKINS, PAUL, GB  
[72] WITHERS, MICK, GB  
[72] COOPER, ADRIAN, GB  
[72] NOELL, JOHN OAKEY, US  
[73] ABBOTT POINT OF CARE INC., US  
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[54] **ORIENTATION SENSING APPARATUS AND A METHOD FOR DETERMINING AN ORIENTATION**

[54] **CAPTEUR D'ORIENTATION ET PROCEDE DE DETERMINATION D'UNE ORIENTATION**

[72] DAVIES, EVAN L., US  
[72] DONISON, GARY L., CA  
[72] WIECEK, BOGUSLAW, CA  
[72] SAND, BYRON J., CA  
[72] LOZINSKY, CLINT P., CA  
[72] WONG, DAVID YAN LAP, CA  
[73] HALLIBURTON ENERGY SERVICES, INC., US

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[25] EN

[54] **SYSTEM, APPARATUS, AND METHODS FOR DISPOSAL OF FLUID WASTES**

[54] **SYSTEME, APPAREIL ET METHODES POUR ELIMINER LES REBUTS LIQUIDES**

[72] KENMORE, FERRON, CA  
[72] KENMORE, TYREL, CA  
[73] KENMORE HOLDINGS INC., CA

[86] (2787745)  
[87] (2787745)  
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[13] C

[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01) E02F 3/80 (2006.01)**

[25] EN

[54] **EARTH WORKING BUCKET AND CONNECTOR ASSEMBLY SECURING WEAR MEMBER THERETO**

[54] **GODET POUR LE TRAVAIL DU SOL ET CONNECTEUR POUR Y FIXER UN ELEMENT D'USURE**

[72] PILON, MICHEL, CA  
[73] GLOBAL CASTING INC., CA

[85] 2012-10-24  
[86] 2012-05-11 (PCT/CA2012/050308)  
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[30] US (61/484,745) 2011-05-11  
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[13] C

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[25] EN

[54] **ANTIPERSPIRANT ACTIVE COMPOSITIONS HAVING SEC CHROMATOGRAM EXHIBITING HIGH SEC PEAK 4 INTENSITY**

[54] **COMPOSITIONS D'ACTIF ANTISUDORIFIQUE PRESENTANT UN CHROMATOGRAMME SEC PRESENTANT UNE INTENSITE ELEVEE DE PIC 4 SEC**

[72] PAN, LONG, US  
[73] COLGATE-PALMOLIVE COMPANY, US

[86] (2799270)  
[87] (2799270)  
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[25] EN

[54] **METHOD AND SYSTEM FOR MODELING ANOMALOUS DENSITY ZONES IN GEOPHYSICAL EXPLORATION**

[54] **PROCEDE ET SYSTEME DE MODELISATION DE ZONES DE DENSITE ANORMALE LORS D'UNE EXPLORATION GEOPHYSIQUE**

[72] ELLIS, ROBERT G., CA  
[73] GEOSOFT INC., CA

[85] 2013-02-27  
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[13] C

[51] **Int.Cl. H04Q 3/58 (2006.01) H04M 3/00 (2006.01)**

[25] EN

[54] **LOWER MAIN DEVICE AND NON-IP TERMINAL HOUSING METHOD**

[54] **DISPOSITIF PRINCIPAL INFERIEUR ET PROCEDE D'HEBERGEMENT DE TERMINAL NON IP**

[72] HIKABE, AKINORI, JP  
[73] NEC INFRONTIA CORPORATION, JP

[85] 2013-03-14  
[86] 2011-03-11 (PCT/JP2011/055796)  
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[13] A1  
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[25] EN  
[54] **SECTION MEMBER DRILLING OR MILLING MACHINE**  
[54] **MACHINE A PERCER ET A FRAISER**  
[72] PIROVANO, ALESSANDRO, IT  
[71] FICEP S.P.A., IT  
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[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) C12N 15/55 (2006.01)**  
[25] EN  
[54] **THE KRAS VARIANT AND TUMOR BIOLOGY**  
[54] **VARIANT KRAS ET BIOLOGIE DES TUMEURS**  
[72] WEIDHAAS, JOANNE B., US  
[71] YALE UNIVERSITY, US  
[22] 2012-03-23  
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[13] A1  
[51] **Int.Cl. A44C 17/00 (2006.01) E04F 19/04 (2006.01)**  
[25] EN  
[54] **AN ORNAMENTED SUBSTRATE AND METHODS FOR FORMING THE SAME**  
[54] **SUBSTRAT ORNE ET PROCEDES DE FABRICATION CONNEXES**  
[72] CARACCILO, MARIA, CA  
[72] DEVEDZIC, EDIN, CA  
[71] CARACCILO, MARIA, CA  
[71] DEVEDZIC, EDIN, CA  
[22] 2012-03-26  
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[13] A1  
[51] **Int.Cl. H01Q 9/42 (2006.01) H01Q 1/38 (2006.01)**  
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[54] **COMPACT PLANAR INVERTED F-ANTENNA FOR MULTIBAND COMMUNICATION**  
[54] **ANTENNE PLANE EN F INVERSE COMPACTE POUR COMMUNICATION MULTIBANDE**  
[72] AMAYA, RONY E., CA  
[72] CAO, YAZI, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF INDUSTRY THROUGH THE COMMUNICATIONS RESEARCH CENTRE CANADA, CA  
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[13] A1  
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 84/12 (2009.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CONTROLLING POWER CONSUMPTION IN AN ELECTRONIC DEVICE WITH A COMMUNICATION SUBSYSTEM**  
[54] **PROCEDES ET APPAREIL POUR CONTROLER LA CONSOMMATION D'ENERGIE DANS UN APPAREIL ELECTRIQUE AVEC SOUS-SYSTEME DE COMMUNICATION**  
[72] GOSAL, MANPREET KAUR, CA  
[72] LAHTI, NILS PATRIK, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[71] QNX SOFTWARE SYSTEMS LIMITED, CA  
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[51] **Int.Cl. C12N 9/14 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12P 19/00 (2006.01) C12P 19/14 (2006.01) C07K 1/30 (2006.01)**  
[25] EN  
[54] **FLOCCULANTS FOR ENZYME RECOVERY AND RECYCLING**  
[54] **FLOCULANTS POUR LA RECUPERATION ET LE RECYCLAGE D'ENZYMES**  
[72] BERLIN, ALEX, CA  
[71] LIGNOL INNOVATIONS LTD., CA  
[22] 2012-03-22  
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[13] A1  
[51] **Int.Cl. F28D 7/10 (2006.01) B67D 1/06 (2006.01) F25D 9/00 (2006.01)**  
[25] EN  
[54] **BEER CHILLING DEVICE**  
[54] **DISPOSITIF DE REFROIDISSEMENT POUR LA BIERE**  
[72] NAUTA, ANDREW J., ZZ  
[71] NAUTA, ANDREW J., CA  
[22] 2012-03-22  
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[13] A1  
[51] **Int.Cl. A47B 57/58 (2006.01) A47B 96/00 (2006.01)**  
[25] EN  
[54] **SHELF DIVIDER AND KIT**  
[54] **ENSEMBLE DE SEPARATEURS POUR ETAGERE**  
[72] ERICKSON, BRENT, CA  
[71] B. ERICKSON MANUFACTURING LTD., CA  
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[41] 2013-09-22

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[13] A1

[51] **Int.Cl. A44C 9/02 (2006.01)**  
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[54] **RING RESIZING INSERT**  
[54] **GARNITURE DE REDIMENSIONNEMENT**  
[72] YAN, SOKHA, CA  
[72] YAN, EAR, CA  
[71] M & T YAN JEWELLERY, CA  
[22] 2012-03-23  
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[13] A1

[51] **Int.Cl. F03D 5/00 (2006.01) F03D 11/04 (2006.01)**  
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[54] **NOUVELLES EOLIENNES**  
[72] VOON, GERARD, CA  
[71] VOON, GERARD, CA  
[22] 2012-03-26  
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[51] **Int.Cl. A01K 27/00 (2006.01) A45F 5/00 (2006.01) A47G 29/00 (2006.01) F16M 13/00 (2006.01)**  
[25] EN  
[54] **PUPELUPE**  
[54] **PUPELUPE**  
[72] WHITLEY, TIMOTHY R., CA  
[71] WHITLEY, TIMOTHY R., CA  
[22] 2012-03-26  
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[13] A1

[51] **Int.Cl. E21B 31/113 (2006.01) E21B 12/00 (2006.01)**  
[25] EN  
[54] **HYDRAULIC JAR WITH MULTIPLE HIGH PRESSURE CHAMBERS**  
[54] **COULISSE HYDRAULIQUE MUNIE DE PLUSIEURS CHAMBRES HAUTE-PRESSION**  
[72] JOHNSON, ORREN, CA  
[71] JOHNSON, ORREN, CA  
[22] 2012-03-23  
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[51] **Int.Cl. B22D 35/06 (2006.01)**  
[25] EN  
[54] **METAL TRANSFER TROUGH**  
[54] **GOULOTTE POUR LE TRANSFERT DU METAL**  
[72] LAROUCHE, ANDRE, CA  
[72] HEBERT, ERIC, CA  
[72] JEAN, DANNY, CA  
[72] LANGLAIS, JOSEPH, CA  
[72] LAVOIE, SERGE, CA  
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA  
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[51] **Int.Cl. A47G 33/00 (2006.01) A47G 29/00 (2006.01) B65D 85/00 (2006.01)**  
[25] EN  
[54] **FREE STANDING HARD SHELL STOCKING**  
[54] **BAS RIGIDE AUTOSTABLE**  
[72] DICK, SUSAN A., CA  
[71] DICK, SUSAN A., CA  
[22] 2012-03-26  
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[51] **Int.Cl. H02J 1/08 (2006.01) H02M 7/04 (2006.01)**  
[25] EN  
[54] **UNIVERSAL AC/DC POWER ADAPTER AND CONNECTOR**  
[54] **ADAPTATEUR D'ALIMENTATION CA-CC UNIVERSEL ET CONNECTEUR**  
[72] CAO, RUIJIE, CA  
[71] CAO, RUIJIE, CA  
[22] 2012-03-22  
[41] 2013-09-22

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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 21/31 (2013.01)**  
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[54] **YASIR WALA TOASIR**  
[54] **YASIR WALA TOASIR**  
[72] ALTUWAIJRY, SHAKER, CA  
[71] ALTUWAIJRY, SHAKER, CA  
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[13] A1

[51] **Int.Cl. B62H 3/00 (2006.01) A47F 5/08 (2006.01) A47F 7/00 (2006.01) A47G 29/00 (2006.01) B25H 5/00 (2006.01)**  
[25] FR  
[54] **PIVOTING WALL MOUNTED BICYCLE RACK**  
[54] **SUPPORT A VELO MURAL PIVOTANT**  
[72] LALONDE, GILLES, CA  
[71] LALONDE, GILLES, CA  
[22] 2012-03-26  
[41] 2013-09-26

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[13] A1

[51] **Int.Cl. F16H 33/00 (2006.01) H02J 15/00 (2006.01) H02K 7/18 (2006.01)**  
[25] EN  
[54] **KERSDRIVE**  
[54] **DISPOSITIF DE TRANSMISSION DE PUISSANCE**  
[72] GEIGER, NORMAN E., CA  
[71] GEIGER, NORMAN E., CA  
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[41] 2013-09-26

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[13] A1

[51] **Int.Cl. B60R 9/08 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE VEHICLE MOUNTED KAYAK CARRIER/RACK**  
[54] **SUPPORT POUR KAYAK AJUSTABLE A INSTALLER SUR UN VEHICULE**  
[72] CAMPBELL, CHRISTOPHER, CA  
[71] CAMPBELL, CHRISTOPHER, CA  
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[41] 2013-09-22

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[13] A1

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[25] EN  
[54] **BITUMEN FROTH STORAGE AND SEPARATION USING AN IMPROVED FROTH TANK**  
[54] **STOCKAGE ET SEPARATION DE LA MOUSSE DE BITUME AU MOYEN D'UN RESERVOIR AMELIORE**  
[72] YUAN, SIMON, CA  
[72] LORENTZ, JIM, CA  
[72] VANDENBERGHE, JESSICA, CA  
[71] SYNCRUDE CANADA LTD., CA  
[22] 2012-03-26  
[41] 2013-09-26

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[13] A1

[51] **Int.Cl. B60R 25/045 (2013.01) B60R 25/102 (2013.01) B60K 28/00 (2006.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **CELL PHONE SYSTEM FOR ENABLING AND DISABLING A VEHICLE**  
[54] **SYSTEME DE TELEPHONIE CELLULAIRE PERMETTANT LE DEMARRAGE ET L'ARRET D'UN VEHICULE**  
[72] POTHUL, RONALD J., US  
[72] POTHUL, JOSEPH N., US  
[71] POTHUL, RONALD J., US  
[71] POTHUL, JOSEPH N., US  
[22] 2012-03-26  
[41] 2013-09-26

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[13] A1

[51] **Int.Cl. G10D 3/00 (2006.01) G10D 1/08 (2006.01) G10D 3/06 (2006.01)**  
[25] EN  
[54] **NECKS FOR STRING INSTRUMENTS**  
[54] **MANCHES POUR INSTRUMENTS DE MUSIQUE A CORDES**  
[72] WILSON, DARREN, CA  
[71] WILSON, DARREN, CA  
[22] 2012-03-27  
[41] 2013-09-27

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[13] A1

[51] **Int.Cl. B66F 9/18 (2006.01) B66C 1/66 (2006.01) B66F 9/14 (2006.01)**  
[25] EN  
[54] **A GAS TANK-HANDLING DEVICE**  
[54] **DISPOSITIF POUR LA MANIPULATION DE RESERVOIRS DE GAZ**  
[72] MCGRANE, BARRY, IE  
[72] TURNBULL, KEVIN, IE  
[71] MOFFETT RESEARCH AND DEVELOPMENT LIMITED, IE  
[22] 2012-03-28  
[41] 2013-09-28

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[13] A1

[51] **Int.Cl. B66C 1/22 (2006.01) B66C 1/46 (2006.01) B66C 1/62 (2006.01) G21F 5/14 (2006.01)**  
[25] EN  
[54] **DECAYED WASTE RETRIEVAL SYSTEM (DEWARS)**  
[54] **SYSTEME DE RECUPERATION DE DECHETS DESINTEGRES (DEWARS)**  
[72] GAUDET, MICHEL, CA  
[72] BRIDEN, NEIL, CA  
[71] ATOMIC ENERGY OF CANADA LTD., CA  
[22] 2012-03-28  
[41] 2013-09-28

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[13] A1

[51] **Int.Cl. B60N 2/005 (2006.01) B60D 1/52 (2006.01) B60R 9/06 (2006.01)**  
[25] EN  
[54] **ADD-ON VEHICLE SEATING ASSEMBLY**  
[54] **ENSEMBLE SIEGE AMOVIBLE POUR VEHICULE**  
[72] OTTA, GEORGE, CA  
[71] OTTA, GEORGE, CA  
[22] 2012-03-23  
[41] 2013-09-23

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[13] A1

[51] **Int.Cl. F24F 7/007 (2006.01)**  
[25] EN  
[54] **BEAUTY SALON VENTILATOR**  
[54] **VENTILATEUR POUR SALON DE BEAUTE**  
[72] LAVENDER, RICHARD JERALD, CA  
[71] LAVENDER, RICHARD JERALD, CA  
[22] 2012-03-29  
[41] 2013-09-26  
[30] US (13/429,833) 2012-03-26

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[13] A1

[51] **Int.Cl. A45F 3/14 (2006.01) A45F 3/04 (2006.01) A45F 5/00 (2006.01)**  
[25] EN  
[54] **LOAD BEARING GARMENT**  
[54] **VETEMENTS ERGONOMIQUES DE SUPPORT DE CHARGE**  
[72] BICKLE, HENRY, CA  
[71] BICKLE, HENRY, CA  
[22] 2012-03-28  
[41] 2013-09-28

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[13] A1

[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/39 (2006.01) A61K 8/73 (2006.01)**  
[25] EN  
[54] **GLISS'N NECTAR COSMETIC COMPOSITION**  
[54] **COMPOSITION COSMETIQUE GLISS'N NECTAR**  
[72] SINCLAIR, RODRICK A., US  
[71] SINCLAIR, RODRICK A., US  
[22] 2012-03-26  
[41] 2013-09-26

[21] **2,772,888**  
[13] A1

[51] **Int.Cl. B66F 9/24 (2006.01) B60D 1/64 (2006.01) B66F 9/14 (2006.01)**  
[25] FR  
[54] **ELECTRICAL FORKS**  
[54] **FOURCHES ELECTRIQUES**  
[72] VEZINA, REJEAN, CA  
[71] VEZINA, REJEAN, CA  
[22] 2012-03-22  
[41] 2013-09-22

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[21] **2,772,957**  
[13] A1

[51] **Int.Cl. A47K 13/10 (2006.01) A47K 13/14 (2006.01) E03D 9/00 (2006.01)**

[25] EN

[54] **VOICE RECOGNITION RESPONSIVE TOUCH FREE TOILET SEAT RAISING AND LOWERING ASSEMBLY**

[54] **DISPOSITIF POUR ABAISSER ET REMONTER LE SIEGE DE TOILETTE A COMMANDE VOCALE**

[72] CLEMENTS, SIGMUND L., CA  
[71] CLEMENTS, SIGMUND L., CA  
[22] 2012-03-26  
[41] 2013-09-26

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[21] **2,773,010**  
[13] A1

[51] **Int.Cl. D21C 7/12 (2006.01) G01F 23/24 (2006.01) G01N 27/04 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR MEASURING AND CONTROLLING CHIP AND/OR LIQUOR LEVEL**

[54] **PROCEDE ET ARRANGEMENT POUR LA MESURE ET LE REGLAGE DU NIVEAU DE**

[72] PULLIAINEN, MARTTI, FI  
[71] SAVCOR FOREST OY, FI  
[22] 2012-03-30  
[41] 2013-09-22  
[30] FI (20125317) 2012-03-22

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[21] **2,773,016**  
[13] A1

[51] **Int.Cl. F16H 7/12 (2006.01) F02B 67/06 (2006.01) F02N 15/00 (2006.01)**

[25] EN

[54] **TENSIONER AND ENDLESS DRIVE ARRANGEMENT**

[54] **TENDEUR ET DISPOSITIF DE TRANSMISSION SANS FIN**

[72] ADAM, JOERN, DE  
[72] WALTER, INGO, DE  
[71] LITENS AUTOMOTIVE GMBH, DE  
[22] 2012-03-28  
[41] 2013-09-28

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[21] **2,773,042**  
[13] A1

[51] **Int.Cl. B29C 53/56 (2006.01) B29C 70/04 (2006.01) E04C 5/07 (2006.01)**

[25] FR

[54] **CURVED ROD WITH IMPROVED MECHANICAL RESISTANCE ON ITS CURVE AND PRODUCTION METHOD THEREFOR**

[54] **TIGE COURBEE DE RENFORCEMENT AYANT UNE RESISTANCE MECANIQUE AMELIOREE A L'ENDROIT DE SA COURBURE ET METHODE POUR PRODUIRE CELLE-CI**

[72] ST-CYR, DANNY, CA  
[72] LALLIER, ALEXANDRE, CA  
[71] PULTRALL INC., CA  
[22] 2012-03-23  
[41] 2013-09-23

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[21] **2,773,087**  
[13] A1

[51] **Int.Cl. A01C 23/00 (2006.01) F21K 99/00 (2010.01) A01M 7/00 (2006.01) F21S 2/00 (2006.01) F21S 10/06 (2006.01)**

[25] EN

[54] **STROBED SPRAY NOZZLE ILLUMINATOR**

[54] **ECLAIRAGE STROBOSCOPIQUE D'UN PULVERISATEUR**

[72] GUNTHORPE, GARY E., CA  
[71] GUNTHORPE, GARY E., CA  
[22] 2012-03-27  
[41] 2013-09-27

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[21] **2,773,095**  
[13] A1

[51] **Int.Cl. G06F 15/00 (2006.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **COMPUTER WITH FLEXIBLE OPERATING SYSTEM**

[54] **ORDINATEUR AVEC SYSTEME D'EXPLOITATION SOUPLE**

[72] ZHANG, YIN SHENG, CA  
[71] ZHANG, YIN SHENG, CA  
[22] 2012-03-27  
[41] 2013-09-27

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[21] **2,773,137**  
[13] A1

[51] **Int.Cl. H04W 88/02 (2009.01) H05K 5/02 (2006.01)**

[25] EN

[54] **PERSONAL COMMUNICATION DEVICE (CELL/IPHONE/ETC) BRACELET**

[54] **BRACELET DE DISPOSITIF DE COMMUNICATION PERSONNEL (CELLULAIRE/IPHONE/ETC)**

[72] UNKNOWN, ZZ  
[71] FISHER, RONALD C., CA  
[22] 2012-03-28  
[41] 2013-09-28

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[21] **2,773,151**  
[13] A1

[51] **Int.Cl. C07K 16/40 (2006.01) C12N 15/13 (2006.01) C12Q 1/48 (2006.01) G01N 33/573 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **CANCER DIAGNOSTIC KIT TO MONITOR THE ACTIVITY OF PROTEIN KINASE CK2, THE METHODS AND COMPOSITIONS THEREOF**

[54] **TROUSSE DE DIAGNOSTIC DU CANCER POUR LA SURVEILLANCE DE L'ACTIVITE DE LA PROTEINE KINASE CK2, METHODES ET COMPOSITIONS CONNEXES**

[72] UNKNOWN, ZZ  
[71] VILK, GREGORY J.A., CA  
[22] 2012-03-28  
[41] 2013-09-28

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[21] **2,773,197**  
 [13] A1

[51] **Int.Cl. B24D 7/02 (2006.01)**  
 [25] EN  
 [54] **ELECTROPLATED SUPER ABRASIVE TOOLS WITH THE ABRASIVE PARTICLES CHEMICALLY BONDED AND DELIBERATELY PLACED, AND METHODS FOR MAKING THE SAME**

[54] **OUTILS ELECTROPLAQUES COMPORTANT DES PARTICULES ABRASIVES LIEES CHIMIQUEMENT ET DELIBEREMENT PLACEES ET LEURS METHODES DE FABRICATION**

[72] LI, YUNDONG, CA  
 [71] LI, YUNDONG, CA  
 [22] 2012-03-27  
 [41] 2013-09-27

[21] **2,773,355**  
 [13] A1

[51] **Int.Cl. F03G 3/00 (2006.01) F03G 7/10 (2006.01)**  
 [25] FR  
 [54] **GRAVITY TORSION WHEEL**  
 [54] **ROUE A TORSION PAR GRAVITE**

[72] LALONDE, MICHEL, CA  
 [71] LALONDE, MICHEL, CA  
 [22] 2012-03-27  
 [41] 2013-09-27

[21] **2,773,489**  
 [13] A1

[51] **Int.Cl. G06Q 90/00 (2006.01) G06Q 30/02 (2012.01)**  
 [25] FR  
 [54] **NOVEL METHODOLOGY FOR PUBLICITY BUNDLE**  
 [54] **NOUVEAU METHODOLOGIE GRAPPE PUBLICITAIRE**

[72] LORD, GILBERT, CA  
 [71] LORD, GILBERT, CA  
 [22] 2012-03-28  
 [41] 2013-09-28

[21] **2,774,655**  
 [13] A1

[51] **Int.Cl. F16L 55/163 (2006.01) F16L 58/16 (2006.01)**  
 [25] EN  
 [54] **METHODS AND APPARATUSES FOR REPAIRING A CONDUIT**  
 [54] **PROCEDES ET APPAREILS POUR LA REPARATION DE CONDUITS**

[72] CHAREST, JOHN A., US  
 [71] ALTRAN SOLUTIONS CORP., US  
 [22] 2012-04-13  
 [41] 2013-09-23  
 [30] US (13/428,761) 2012-03-23

[21] **2,775,927**  
 [13] A1

[51] **Int.Cl. A45F 3/14 (2006.01) A41D 13/00 (2006.01) A45F 5/00 (2006.01) F41H 1/00 (2006.01)**  
 [25] EN  
 [54] **DYNAMIC LOAD CARRIAGE SYSTEM**  
 [54] **SYSTEME DE TRANSPORT DE CHARGES DYNAMIQUES**

[72] BECK, JASON, US  
 [71] BECK, JASON, US  
 [22] 2012-05-03  
 [41] 2013-09-27  
 [30] US (13/431,860) 2012-03-27

[21] **2,777,926**  
 [13] A1

[51] **Int.Cl. F03B 17/00 (2006.01) F03G 3/00 (2006.01) F24F 12/00 (2006.01)**  
 [25] EN  
 [54] **GRAVITY VORTEX CONTINUOUS PIPE ENGINE**  
 [54] **MOTEUR A CANALISATION CONTINUE FONCTIONNANT PAR VORTEX GRAVITATIONNEL**

[72] AL-HUSSAINI, SAFWAN MOHAMMAD IBRAHIM, JO  
 [71] AL-HUSSAINI, SAFWAN MOHAMMAD IBRAHIM, JO  
 [22] 2012-05-23  
 [41] 2013-09-22  
 [30] US (13427217) 2012-03-22

[21] **2,779,971**  
 [13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
 [25] EN  
 [54] **A SYSTEM AND METHOD FOR DYNAMIC MEMBER SEGMENTATION AND TARGETING**  
 [54] **SYSTEME ET PROCEDE DE SEGMENTATION ET DE CIBLAGE DYNAMIQUES D'ELEMENTS**

[72] KRISHNAMOORTHY, VENKATESH, IN  
 [72] RAGHUNATHAN, PADASHWINI, IN  
 [72] RUPIREDDY, RASHMI, IN  
 [72] KRISHNAN, GOVINDARAJAN, IN  
 [71] TATA CONSULTANCY SERVICES LIMITED, IN  
 [22] 2012-06-14  
 [41] 2013-09-26  
 [30] IN (836/MUM/2012) 2012-03-26

[21] **2,780,077**  
 [13] A1

[51] **Int.Cl. E02F 3/76 (2006.01)**  
 [25] EN  
 [54] **LEVELLING AND GRADING DEVICE AND SYSTEM**  
 [54] **DISPOSITIF ET SYSTEME DE NIVELLEMENT ET DE PROFILAGE**

[72] TRINDADE, ANTONIO, CA  
 [71] TRINDADE, ANTONIO, CA  
 [22] 2012-06-18  
 [41] 2013-09-22  
 [30] US (61614505) 2012-03-22

[21] **2,782,597**  
 [13] A1

[51] **Int.Cl. B65D 33/00 (2006.01) B65D 30/00 (2006.01) B65D 75/58 (2006.01)**  
 [25] EN  
 [54] **TEAR OPEN BAG WITH TRANSMISSION BARRIER**  
 [54] **SAC DECHIRABLE AVEC BARRIERE DE TRANSMISSION**

[72] STERLING, BRAD, US  
 [72] LEPONE, MICHAEL, US  
 [71] SALERNO PACKAGING INC., US  
 [22] 2012-07-10  
 [41] 2013-09-23  
 [30] US (13/428,300) 2012-03-23

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[21] **2,783,923**  
[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01) E21B 7/04 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO LOG INVERSION**  
[54] **AMELIORATIONS CONCERNANT L'INVERSION DES DONNEES DE JOURNAL**  
[72] WHETTON, JAMES ANTHONY, GB  
[72] ELKINGTON, PETER ADRIAN SPENCER, GB  
[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB  
[22] 2012-07-30  
[41] 2013-09-23  
[30] GB (1205171.0) 2012-03-23

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[21] **2,784,240**  
[13] A1

[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/08 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **STABLE BORTEZOMIB FORMULATIONS**  
[54] **FORMULATIONS STABLES A BASE DE BORTEZOMIB**  
[72] SOPPIMATH, KUMARESH, US  
[72] PEJAVAR, SATISH, US  
[72] PATEL, KANAIYALAL R., US  
[72] DASARADHI, LAKKARAJU, US  
[72] SODUM, RAMA, US  
[72] DESU, HARI, US  
[72] PURI, NAVNEET, US  
[71] INNOPHARMA, INC., US  
[22] 2012-07-27  
[41] 2013-09-27  
[30] US (13/431,313) 2012-03-27

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[21] **2,786,095**  
[13] A1

[51] **Int.Cl. H04W 8/20 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A USER TO DYNAMICALLY UPDATE A MOBILE APPLICATION FROM A GENERIC OR FIRST APPLICATION WITHIN A CLASS OF APPLICATIONS TO CREATE A SPECIFIC OR SECOND APPLICATION WITH SAID CLASS OF APPLICATIONS**  
[54] **SYSTEME ET METHODE PERMETTANT A UN UTILISATEUR DE FAIRE UNE MISE A JOUR DYNAMIQUE D'UNE APPLICATION MOBILE A PARTIR D'UNE APPLICATION GNERIQUE OU PREMIERE D'UNE CLASSE D'APPLICATIONS POUR CREER UNE APPLICATION SPECIFIQUE OU SECONDAIRE AVEC LADITE CLASSE D'APPLICATIONS**  
[72] UDALL, JIM, CA  
[71] QUICKMOBILE INC., CA  
[22] 2012-08-13  
[41] 2013-09-26  
[30] US (61/615,419) 2012-03-26

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[21] **2,788,023**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**  
[25] EN  
[54] **AIR DRILL DIFFUSER**  
[54] **DIFFUSEUR POUR PERCEUSE PNEUMATIQUE**  
[72] HEINTZMAN, RICK, US  
[71] HEINTZMAN, RICK, US  
[22] 2012-08-28  
[41] 2013-09-26  
[30] US (13/506,089) 2012-03-26

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[21] **2,792,387**  
[13] A1

[51] **Int.Cl. F16K 49/00 (2006.01) B65D 88/08 (2006.01) F16K 3/30 (2006.01) F16K 27/04 (2006.01) F16K 27/07 (2006.01)**  
[25] EN  
[54] **SHUT-OFF VALVE FOR CISTERNS, TANKS AND SIMILAR**  
[54] **ROBINET D'ARRET POUR CITERNES, RESERVOIRS ET AUTRES DISPOSITIFS SEMBLABLES**  
[72] VELATTA, ARTEMIO, IT  
[72] VELATTA, RUBEN, IT  
[71] RIV RUBINETTERIE ITALIANE VELATTA SPA, IT  
[22] 2012-10-10  
[41] 2013-09-23  
[30] IT (MI2012U000120) 2012-03-23

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[21] **2,794,775**  
[13] A1

[51] **Int.Cl. D06M 15/03 (2006.01) A41C 3/00 (2006.01) A41C 3/14 (2006.01) A41C 5/00 (2006.01) A61K 8/97 (2006.01) A61P 19/00 (2006.01) B29C 44/06 (2006.01) D06M 13/224 (2006.01)**  
[25] EN  
[54] **MOISTURIZING FABRIC MATERIAL, USE THEREOF IN MOISTURIZING BRAS, AND METHOD OF MANUFACTURE**  
[54] **MATIERES TEXTILES AUX PROPRIETES HYDRATANTES, LEUR UTILISATION DANS LES SOUTIENS-GORGE ET LEUR PROCEDE DE FABRICATION**  
[72] ALMARIO, DULCE, US  
[72] KNITOWSKI, MARK, US  
[72] MARTINET, NATHALIE, CN  
[72] SMITH, ROBERT J., US  
[72] VANSIA, MAYUR, US  
[72] YIP, JASMINE, CN  
[71] VICTORIA'S SECRET STORE BRAND MANAGEMENT, INC., US  
[22] 2012-11-08  
[41] 2013-09-23  
[30] US (13/428,563) 2012-03-23

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[21] **2,794,780**  
[13] A1

[51] **Int.Cl. E06C 1/00 (2006.01) A47B 53/00 (2006.01) B65G 1/00 (2006.01) E06C 1/34 (2006.01) E06C 9/00 (2006.01)**

[25] EN

[54] **DUAL TRACK LADDER FOR USE WITH MOBILE SHELVING**

[54] **ECHELLE POUR UTILISATION AVEC RAYONNAGES MOBILES**

[72] KERR, JAMES F., US

[71] MATERIAL CONTROL, INC., US

[22] 2012-11-08

[41] 2013-09-23

[30] US (61/614,859) 2012-03-23

[30] US (13/669,869) 2012-11-06

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[21] **2,798,343**  
[13] A1

[51] **Int.Cl. E21B 33/124 (2006.01)**

[25] EN

[54] **DOWNHOLE ISOLATION AND DEPRESSURIZATION TOOL**

[54] **OUTIL DE DEPRESSURISATION EN FOND DE TROU**

[72] GETZLAF, DONALD, CA

[72] STROMQUIST, MARTY, CA

[72] RAVENSBERGEN, JOHN, CA

[72] LAUN, LYLE, CA

[72] SCHMELZL, ERIC, CA

[71] NCS OILFIELD SERVICES CANADA INC., CA

[22] 2012-12-10

[41] 2013-09-23

[30] US (61/615,035) 2012-03-23

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[21] **2,798,727**  
[13] A1

[51] **Int.Cl. B64C 27/46 (2006.01) B64C 3/50 (2006.01) B64C 11/16 (2006.01) B64C 13/00 (2006.01) B64C 27/615 (2006.01)**

[25] EN

[54] **ENHANCED PERFORMANCE ROTORCRAFT ROTOR BLADE**

[54] **PALE DE ROTOR POUR GIRAUVION A RENDEMENT SUPERIEUR**

[72] PERLMAN, DAVID L., US

[71] THE BOEING COMPANY, US

[22] 2012-12-12

[41] 2013-09-27

[30] US (13/430,686) 2012-03-27

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[21] **2,800,430**  
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) G01C 9/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR CONTAINMENT OF A DEVICE EQUIPPED WITH AN INCLINOMETER**

[54] **APPAREIL ACCUEILLANT UN DISPOSITIF EQUIPE D'UN INCLINOMETRE**

[72] DRISCOLL, MARK, CA

[72] LABELLE, HUBERT, CA

[72] PARENT, STEFAN, CA

[72] MAC-THIONG, JEAN-MARC, CA

[71] DRISCOLL, MARK, CA

[71] LABELLE, HUBERT, CA

[71] PARENT, STEFAN, CA

[71] MAC-THIONG, JEAN-MARC, CA

[22] 2012-12-12

[41] 2013-09-26

[30] US (61/615,420) 2012-03-26

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[21] **2,801,180**  
[13] A1

[51] **Int.Cl. B64D 37/32 (2006.01) B60K 15/035 (2006.01) B65D 90/30 (2006.01)**

[25] EN

[54] **FUEL VAPOR REMOVAL METHODS AND SYSTEMS FOR FLAMMABILITY REDUCTION**

[54] **METHODE D'ELIMINATION DE LA VAPEUR DE CARBURANT ET SYSTEMES DE REDUCTION DE L'INFLAMMABILITE**

[72] GUPTA, ALANKAR, US

[71] THE BOEING COMPANY, US

[22] 2013-01-07

[41] 2013-09-27

[30] US (13/431,046) 2012-03-27

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[21] **2,801,381**  
[13] A1

[51] **Int.Cl. G01P 5/00 (2006.01)**

[25] EN

[54] **VELOCITY PROFILE MAPPING SYSTEM**

[54] **SYSTEME DE CARTOGRAPHIE D'UN PROFIL DE VITESSE**

[72] KOEHN, JASON ANDREW, US

[72] WHITLEY, JAMES K., US

[72] SNELL, SHAWN PAUL, US

[71] THE BOEING COMPANY, US

[22] 2013-01-11

[41] 2013-09-27

[30] US (13/431,582) 2012-03-27

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[21] **2,803,331**  
[13] A1

[51] **Int.Cl. B01J 23/46 (2006.01)**

[25] EN

[54] **PLATINUM-FREE MONOMETALLIC AND BIMETALLIC NANOPARTICLES AS RING-OPENING CATALYSTS**

[54] **NANOPARTICULES MONOMETALLIQUES ET BIMETALLIQUES SANS PLATINE EN TANT QUE CATALYSEURS D'OUVERTURE DE CYCLE**

[72] SEMAGINA, NATALIA, CA

[72] YIN, XING, CA

[72] SHEN, JING, CA

[72] LOGANATHAN, KAVITHAA, CA

[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[22] 2013-01-23

[41] 2013-09-22

[30] US (61/614,382) 2012-03-22

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[21] **2,805,768**  
[13] A1

[51] **Int.Cl. G09F 9/00 (2006.01) G09B 5/00 (2006.01)**

[25] EN

[54] **EMBEDDING AN AUTOGRAPH IN AN ELECTRONIC BOOK**

[54] **INCORPORATION D'UN AUTOGRAPHE DANS UN LIVRE ELECTRONIQUE**

[72] DOUGHERTY, CASEY MAUREEN, US

[72] HAJJ, MELISSA BREGGIO, US

[71] APPLE INC., US

[22] 2013-02-13

[41] 2013-09-23

[30] US (13/429,238) 2012-03-23

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[21] **2,806,048**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/12 (2006.01)**  
[25] EN  
[54] **GAMING SYSTEM, GAMING DEVICE, AND METHOD FOR PROVIDING A MULTIPLE PLAYER GAME**  
[54] **SYSTEME DE JEU, APPAREIL DE JEU ET METHODE PERMETTANT UN JEU EN MODE MULTIJOUEUR**  
[72] CAPUTO, SCOTT A., US  
[72] WOLF, BRYAN D., US  
[71] IGT, US  
[22] 2013-02-13  
[41] 2013-09-27  
[30] US (13/430,934) 2012-03-27

[21] **2,806,189**  
[13] A1

[51] **Int.Cl. E04B 1/66 (2006.01) E04B 1/62 (2006.01)**  
[25] EN  
[54] **AIR SEAL ASSEMBLY**  
[54] **JOINT ETANCHE A L'AIR**  
[72] ALTER, HARRY, US  
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US  
[22] 2013-02-15  
[41] 2013-09-22  
[30] US (13/427,151) 2012-03-22

[21] **2,806,403**  
[13] A1

[51] **Int.Cl. C23C 4/12 (2006.01) B01D 67/00 (2006.01)**  
[25] EN  
[54] **PLASMA SPRAY METHOD FOR THE MANUFACTURE OF AN ION CONDUCTING MEMBRANE AND AN ION CONDUCTING MEMBRANE**  
[54] **PROCEDE DE DEPOT PAR PULVERISATION DE PLASMA POUR LA FABRICATION D'UNE MEMBRANE CONDUCTRICE D'IONS ET D'UNE MEMBRANE CONDUCTRICE D'IONS**  
[72] GINDRAT, MALKO, CH  
[72] DAMANI, RAJIV J., CH  
[72] HAERING, JOCHEN, CH  
[71] SULZER METCO AG, CH  
[22] 2013-02-14  
[41] 2013-09-28  
[30] EP (12161868.0) 2012-03-28

[21] **2,806,868**  
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G09G 5/377 (2006.01) H04N 5/335 (2011.01)**  
[25] EN  
[54] **METHODS AND DEVICES FOR PROVIDING A WALLPAPER VIEWFINDER**  
[54] **PROCEDES ET DISPOSITIFS PERMETTANT LE VISIONNEMENT DE PAPIERS PEINTS**  
[72] SCHIEL, BYRON A., US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-02-15  
[41] 2013-09-23  
[30] EP (12160943.2) 2012-03-23

[21] **2,806,951**  
[13] A1

[51] **Int.Cl. F02C 7/232 (2006.01) F02C 7/22 (2006.01) F23R 3/28 (2006.01)**  
[25] EN  
[54] **PASSIVE EQUILIZATION FLOW DIVIDER VALVE**  
[54] **SOUPAPE DISTRIBUTRICE ASSURANT UNE EGALISATION PASSIVE**  
[72] GIBBONS, KEVIN, US  
[72] DYER, GERALD P., US  
[71] HAMILTON SUNDSTRAND CORPORATION, US  
[22] 2013-02-14  
[41] 2013-09-27  
[30] US (13/431,187) 2012-03-27

[21] **2,807,291**  
[13] A1

[51] **Int.Cl. F16B 15/08 (2006.01) F16B 15/00 (2006.01)**  
[25] EN  
[54] **STAPLE STRIP FOR FASTENING INSULATING PANELS TO WOODEN SUPPORTS**  
[54] **BANDE D'AGRAFES POUR L'INSTALLATION DE PANNEAUX ISOLANTS SUR DES SUPPORTS EN BOIS**  
[72] ALBRECHT, KLAUS, DE  
[71] JOH. FRIEDRICH BEHRENS AG, DE  
[22] 2013-02-26  
[41] 2013-09-23  
[30] EP (12 002 061.5) 2012-03-23

[21] **2,807,521**  
[13] A1

[51] **Int.Cl. H04B 1/7156 (2011.01) H04L 7/00 (2006.01)**  
[25] EN  
[54] **SYNCHRONOUS FREQUENCY HOPPING SPREAD SPECTRUM COMMUNICATIONS**  
[54] **RESEAU DE COMMUNICATION SYNCHRONISE A EVASION DE FREQUENCE SUR SPECTRE ETALE**  
[72] SHUEY, KENNETH C., US  
[71] ELSTER SOLUTIONS, LLC, US  
[22] 2013-02-22  
[41] 2013-09-22  
[30] US (13/426,808) 2012-03-22

[21] **2,807,929**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **CANNULA VALVE ASSEMBLY**  
[54] **ENSEMBLE VALVE DE CANULE**  
[72] PRIBANIC, RUSSELL, US  
[71] COVIDIEN LP, US  
[22] 2013-03-04  
[41] 2013-09-26  
[30] US (61/615,515) 2012-03-26  
[30] US (13/778,178) 2013-02-27

[21] **2,808,156**  
[13] A1

[51] **Int.Cl. A22B 5/00 (2006.01) A23B 4/06 (2006.01)**  
[25] EN  
[54] **CARCASS WEIGHT CONTROL**  
[54] **SYSTEME DE VERIFICATION DU POIDS DES CARCASSES**  
[72] HESTON, RODNEY W., US  
[71] LP SOLUTIONS LLC, US  
[22] 2013-03-06  
[41] 2013-09-27  
[30] US (13/431,491) 2012-03-27



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**22 septembre 2013 au 28 septembre 2013**

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[21] **2,808,545**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**  
[25] EN  
[54] **CONVERTING A DIGITAL MEDIA ITEM FROM A RENTAL TO A PURCHASE**  
[54] **CONVERSION D'UN ELEMENT DE MEDIA NUMERIQUE LOUE A UN ELEMENT DE MEDIA NUMERIQUE ACHETE**  
[72] ACAR, GUNDUZHAN, US  
[72] NODERA, YOKO, US  
[71] APPLE INC., US  
[22] 2013-03-08  
[41] 2013-09-26  
[30] US (13/430,402) 2012-03-26

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[21] **2,808,804**  
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01) F01D 11/00 (2006.01)**  
[25] EN  
[54] **SCALLOPED SURFACE TURBINE STAGE**  
[54] **ETAGE DE TURBINE A SURFACE FESTONNEE**  
[72] BARR, BRIAN CHANDLER, US  
[72] KEITH, BRIAN DAVID, US  
[72] KAJFASZ, GREGORY JOHN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2013-03-07  
[41] 2013-09-23  
[30] US (13/429,312) 2012-03-23

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[21] **2,808,986**  
[13] A1

[51] **Int.Cl. H04N 5/369 (2011.01) H04N 5/357 (2011.01)**  
[25] EN  
[54] **A CAMERA DEVICE FOR REDUCING SENSOR NOISE**  
[54] **APPAREIL-PHOTO AVEC REDUCTION DU BRUIT**  
[72] FRANSSON, JOHANN NILS, CA  
[72] KYOWSKI, TIMOTHY HERBERT, CA  
[72] HONG, SUNG HO, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-03-05  
[41] 2013-09-22  
[30] EP (12160750.1) 2012-03-22

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[21] **2,808,759**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01)**  
[25] EN  
[54] **GROWTH CHAMBER CAROUSEL**  
[54] **CARROUSEL POUR CHAMBRE DE CULTURE**  
[72] WIGGINS, BARRY, US  
[72] PARKHURST, DAWN M., US  
[72] VERCAUTEREN, MICHAEL, US  
[71] DOW AGROSCIENCES LLC, US  
[22] 2013-03-06  
[41] 2013-09-27  
[30] US (61/616,138) 2012-03-27

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[21] **2,808,814**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **SURGICAL ACCESS ASSEMBLY AND METHOD OF USE THEREOF**  
[54] **ENSEMBLE D'ACCES CHIRURGICAL ET METHODE D'UTILISATION CONNEXE**  
[72] SMITH, ROBERT C., US  
[71] COVIDIEN LP, US  
[22] 2013-03-07  
[41] 2013-09-26  
[30] US (61/615,504) 2012-03-26  
[30] US (13/782,057) 2013-03-01

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[21] **2,809,048**  
[13] A1

[51] **Int.Cl. F24H 9/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR VENTING A WATER HEATER**  
[54] **SYSTEMES ET PROCEDES D'AERATION D'UN CHAUFFE-EAU**  
[72] GORDON, MICHAEL W., US  
[72] TRUSKOSKI, ERIC, US  
[71] BRADFORD WHITE CORPORATION, US  
[22] 2013-03-11  
[41] 2013-09-23  
[30] US (13/428,402) 2012-03-23

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[21] **2,808,772**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **SURGICAL ACCESS DEVICE AND WOUND PROTECTOR**  
[54] **DISPOSITIF D'ACCES CHIRURGICAL ET PROTECTEUR DE PLAIE**  
[72] KLEYMAN, GENNADY, US  
[72] OKONIEWSKI, GREGORY, US  
[71] COVIDIEN LP, US  
[22] 2013-03-06  
[41] 2013-09-26  
[30] US (61/615,494) 2012-03-26  
[30] US (13/778,427) 2013-02-27

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[21] **2,808,815**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **SURGICAL ACCESS ASSEMBLY AND METHOD OF USE THEREFOR**  
[54] **ENSEMBLE D'ACCES CHIRURGICAL ET METHODE D'UTILISATION CONNEXE**  
[72] SMITH, ROBERT C., US  
[71] COVIDIEN LP, US  
[22] 2013-03-07  
[41] 2013-09-26  
[30] US (61/615,498) 2012-03-26  
[30] US (13/782,098) 2013-03-01

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[21] **2,809,393**  
[13] A1

[51] **Int.Cl. A47L 13/26 (2006.01) A47L 13/23 (2006.01) B05B 1/18 (2006.01) B08B 3/04 (2006.01) E03C 1/04 (2006.01)**  
[25] EN  
[54] **HOUSEHOLD FAUCET SPRAY**  
[54] **DOUCHETTE POUR ROBINET A USAGE RESIDENTIEL**  
[72] REIMAN, HANNU, FI  
[71] OY GRANA FINLAND AB, FI  
[22] 2013-03-13  
[41] 2013-09-23  
[30] FI (20125332) 2012-03-23

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[21] **2,809,399**  
[13] A1

[51] **Int.Cl. A01G 23/00 (2006.01)**  
[25] EN  
[54] **PEDAL CONTROL SYSTEM FOR A VEHICLE**  
[54] **SYSTEME DE COMMANDE DE PEDALES POUR VEHICULE**  
[72] KOEHLER, ADAM J., US  
[71] DEERE & COMPANY, US  
[22] 2013-03-12  
[41] 2013-09-28  
[30] US (13/432754) 2012-03-28

[21] **2,809,420**  
[13] A1

[51] **Int.Cl. F02C 7/28 (2006.01) F01D 11/00 (2006.01)**  
[25] EN  
[54] **SEAL ARRANGEMENTS FOR GAS TURBINE ENGINES**  
[54] **SYSTEME D'ETANCHEITE POUR TURBINE A GAZ**  
[72] IVAKITCH, RICHARD, CA  
[72] ELEFTHERIOU, ANDREAS, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2013-03-12  
[41] 2013-09-23  
[30] US (13/428,360) 2012-03-23

[21] **2,809,424**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/94 (2006.01) A61B 18/04 (2006.01) A61B 19/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROGRAMMING MODULAR SURGICAL INSTRUMENT**  
[54] **PROCEDE ET APPAREIL POUR LA PROGRAMMATION D'UN INSTRUMENT CHIRURGICAL MODULAIRE**  
[72] KIMBALL, CORY G., US  
[72] PRICE, DANIEL W., US  
[72] CLEM, WILLIAM E., US  
[72] DANNAHER, WILLIAM D., CN  
[72] MARCOTTE, AMY L., US  
[72] DIETZ, TIMOTHY G., US  
[72] KORVICK, DONNA L., US  
[72] MADAN, ASHVANI K., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2013-03-12  
[41] 2013-09-22  
[30] US (13/426,760) 2012-03-22

[21] **2,809,428**  
[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) G02C 7/06 (2006.01)**  
[25] EN  
[54] **INCREASED STIFFNESS CENTER OPTIC IN SOFT CONTACT LENSES FOR ASTIGMATISM CORRECTION**  
[54] **CENTRE OPTIQUE PLUS RIGIDE DANS UNE LENTILLE DE CONTACT SOUPLE POUR LA CORRECTION DE L'ASTIGMATISME**  
[72] HANSEN, JONATHAN, US  
[72] HAWKE, RYAN, US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[22] 2013-03-12  
[41] 2013-09-27  
[30] US (13/430,891) 2012-03-27

[21] **2,809,436**  
[13] A1

[51] **Int.Cl. F28D 15/02 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGER FOR TRACTION CONVERTERS**  
[54] **ECHANGEUR DE CHALEUR POUR CONVERTISSEUR DE PUISSANCE**  
[72] GRADINGER, THOMAS, CH  
[72] AGOSTINI, BRUNO, CH  
[72] MERK, MARCEL, CH  
[71] ABB RESEARCH LTD, CH  
[22] 2013-03-14  
[41] 2013-09-28  
[30] EP (12161699.9) 2012-03-28

[21] **2,809,441**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 5/06 (2006.01) A61B 19/00 (2006.01)**  
[25] EN  
[54] **SURGICAL INSTRUMENT USAGE DATA MANAGEMENT**  
[54] **GESTION DES DONNEES D'UTILISATION D'UN INSTRUMENT CHIRURGICAL**  
[72] KIMBALL, CORY G., US  
[72] PRICE, DANIEL W., US  
[72] CLEM, WILLIAM E., US  
[72] MARCOTTE, AMY L., US  
[72] SILKAITIS, DANIEL P., US  
[72] SCHULTE, JOHN B., US  
[72] LAMPING, MICHAEL R., US  
[72] BALEK, STEPHEN J., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2013-03-12  
[41] 2013-09-22  
[30] US (13/426,792) 2012-03-22

[21] **2,809,444**  
[13] A1

[51] **Int.Cl. C22F 1/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR PROCESSING TITANIUM ALUMINIDE INTERMETALLIC COMPOSITIONS**  
[54] **PROCEDES DE TRANSFORMATION DE COMPOSITIONS INTERMETALLIQUES A BASE D'ALUMINIURE DE TITANE**  
[72] KELLY, THOMAS JOSEPH, US  
[72] BEWLAY, BERNARD PATRICK, US  
[72] WEIMER, MICHAEL JAMES, US  
[72] WHITACRE, RICHARD KENNETH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2013-03-14  
[41] 2013-09-23  
[30] US (61/614,751) 2012-03-23  
[30] US (13/459,420) 2012-04-30

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**22 septembre 2013 au 28 septembre 2013**

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[21] **2,809,458**  
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01) B65D 73/00 (2006.01) G09F 5/04 (2006.01) G09F 23/00 (2006.01)**

[25] EN

[54] **CARD INCORPORATING A VISIBLE VALUABLE OBJECT**

[54] **CARTE DANS LAQUELLE EST INTEGRE UN PETIT OBJET PRECIEUX VISIBLE**

[72] DROZ, FRANCOIS, CH

[71] NAGRAID S.A., CH

[22] 2013-03-12

[41] 2013-09-26

[30] EP (12161347.5) 2012-03-26

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[21] **2,809,527**  
[13] A1

[51] **Int.Cl. F41H 7/04 (2006.01) F41H 7/00 (2006.01)**

[25] EN

[54] **VEHICLE FLOOR**

[54] **PLANCHER DE VEHICULE**

[72] MEARS, JEFF, US

[72] GERST, DAVID M., US

[72] RASICO, JAMES G., US

[72] NEWMAN, CRAIG ALAN, US

[72] HUGHES, CRAIG F., US

[71] NAVISTAR DEFENSE ENGINEERING, LLC, US

[22] 2013-03-14

[41] 2013-09-26

[30] US (61/615,694) 2012-03-26

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[21] **2,809,548**  
[13] A1

[51] **Int.Cl. G06Q 20/42 (2012.01) G06Q 30/06 (2012.01)**

[25] EN

[54] **RECEIPT NUMBER GENERATION**

[54] **GENERATION DE NUMEROS DE RECUS**

[72] NANDA, CHOUDHURY PRADYUMNA KESHORI, IN

[72] NAYAK, JITAMITRA, IN

[72] RISHI KESAVAN, SHANMUGA PRIYA JANANI, IN

[71] TATA CONSULTANCY SERVICES LIMITED, IN

[22] 2013-03-14

[41] 2013-09-23

[30] IN (784/MUM/2012) 2012-03-23

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[21] **2,809,554**  
[13] A1

[51] **Int.Cl. F23D 14/70 (2006.01)**

[25] EN

[54] **FLAME DEVICE**

[54] **DISPOSITIF A FLAMME**

[72] CHEN, WEI-LONG, TW

[71] PRO-IRODA INDUSTRIES, INC., TW

[22] 2013-03-14

[41] 2013-09-22

[30] TW (101109923) 2012-03-22

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[21] **2,809,562**  
[13] A1

[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/02 (2009.01) H04W 12/02 (2009.01)**

[25] EN

[54] **AUTHENTICATION SERVER AND METHODS FOR GRANTING TOKENS COMPRISING LOCATION DATA**

[54] **SERVEUR D'AUTHENTIFICATION ET PROCEDES D'OCTROI DE JETONS CONTENANT DES DONNEES DE LOCALISATION**

[72] BROWN, ANDREW JAMES GUY, CA

[72] FOGEL, CHRISTOPHER M., CA

[72] PARRY, THOMAS OWEN, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-03-14

[41] 2013-09-22

[30] EP (12160877.2) 2012-03-22

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[21] **2,809,605**  
[13] A1

[51] **Int.Cl. F41H 7/04 (2006.01) B62D 27/00 (2006.01) F41H 5/007 (2006.01)**

[25] EN

[54] **LOAD TRANSFER DEVICE**

[54] **DISPOSITIF DE TRANSFERT DE CHARGE**

[72] CASSADAY, NICHOLAS MICHAEL, US

[72] RUSSELL, DAN, US

[71] NAVISTAR DEFENSE ENGINEERING, LLC, US

[22] 2013-03-14

[41] 2013-09-26

[30] US (61/615,679) 2012-03-26

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[21] **2,809,607**  
[13] A1

[51] **Int.Cl. F41H 7/00 (2006.01) B60J 11/06 (2006.01) F41H 5/013 (2006.01) F41H 7/04 (2006.01)**

[25] EN

[54] **REMOVABLE BLAST PROTECTION**

[54] **PROTECTION AMOVIBLE CONTRE L'EFFET DE SOUFFLE**

[72] MEARS, JEFF, US

[72] RUSSELL, DAN, US

[72] BUDD, WALTER JOHN, US

[72] HUGHES, CRAIG F., US

[71] NAVISTAR DEFENSE ENGINEERING, LLC, US

[22] 2013-03-14

[41] 2013-09-26

[30] US (61/615,688) 2012-03-26

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[21] **2,809,671**  
[13] A1

[51] **Int.Cl. H04L 29/10 (2006.01) H04N 21/2343 (2011.01) H04L 29/06 (2006.01)**

[25] EN

[54] **APPLICATION SUPPORT FOR NETWORK DEVICES**

[54] **SOUTIEN DES APPLICATIONS POUR LES APPAREILS RESEAU**

[72] DE ANDRADE, DAVID, US

[72] COOK, MICHAEL J., US

[72] ISMAIL, LABEEB K., US

[72] VICKERS, MARK A., US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2013-03-15

[41] 2013-09-23

[30] US (13/428,425) 2012-03-23

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[21] **2,809,790**  
[13] A1

[51] **Int.Cl. F16N 1/00 (2006.01) B60B 27/00 (2006.01) B60B 35/12 (2006.01) F16C 33/66 (2006.01) F16N 21/00 (2006.01)**

[25] EN

[54] **LUBRICATION SYSTEM**

[54] **SYSTEME DE LUBRIFICATION**

[72] LOMSAK, MICHAEL J., US

[71] LOMSAK, MICHAEL J., US

[22] 2013-03-18

[41] 2013-09-23

[30] US (13/429,024) 2012-03-23

[30] US (13/549,220) 2012-07-13

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[21] **2,809,796**  
[13] A1

[51] **Int.Cl. F16N 1/00 (2006.01) B60B 35/12 (2006.01) F16C 33/10 (2006.01) F16N 21/00 (2006.01)**

[25] EN

[54] **LUBRICATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE LUBRIFICATION**

[72] LOMSAK, MICHAEL J., US

[71] LOMSAK, MICHAEL J., US

[22] 2013-03-18

[41] 2013-09-23

[30] US (13/429,024) 2012-03-23

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[21] **2,809,801**  
[13] A1

[51] **Int.Cl. B21D 53/84 (2006.01) B23P 15/00 (2006.01) F02C 7/24 (2006.01) F23R 3/60 (2006.01)**

[25] EN

[54] **FABRICATED HEAT SHIELD**

[54] **ECRAN THERMIQUE PREFABRIQUE**

[72] STASTNY, HONZA, CA

[72] SAMPATH, PARTHASARATHY, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-15

[41] 2013-09-23

[30] US (13/428,376) 2012-03-23

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[21] **2,809,802**  
[13] A1

[51] **Int.Cl. F01D 11/24 (2006.01)**

[25] EN

[54] **GAS TURBINE ENGINE CASE WITH HEATING LAYER AND METHOD**

[54] **CARTER DE TURBINE A GAZ AVEC COUCHE CHAUFFANTE ET PROCEDE CONNEXE**

[72] CHEUNG, KIN-LEUNG, CA

[72] LIU, XIAOLI, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-15

[41] 2013-09-23

[30] US (13/428,558) 2012-03-23

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[21] **2,809,805**  
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) F02C 9/20 (2006.01)**

[25] EN

[54] **CONNECTOR ASSEMBLY FOR VARIABLE INLET GUIDE VANES AND METHOD**

[54] **CONNECTEUR POUR AUBAGE DIRECTEUR D'ENTREE ORIENTABLE ET PROCEDE CONNEXE**

[72] ELEFThERIOU, ANDREAS, CA

[72] MENHEERE, DAVID HAROLD, CA

[72] MARSHALL, ANDREW, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-15

[41] 2013-09-26

[30] US (13/429,839) 2012-03-26

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[21] **2,809,818**  
[13] A1

[51] **Int.Cl. H02J 3/40 (2006.01) F01D 19/00 (2006.01) F02C 7/26 (2006.01) H02K 7/18 (2006.01) H02P 9/04 (2006.01)**

[25] EN

[54] **GAS TURBINE START WITH FREQUENCY CONVERTOR**

[54] **PROCEDE DE DEMARRAGE D'UNE TURBINE A GAZ AVEC CONVERTISSEUR DE FREQUENCE**

[72] OESTERHELD, JOERG, CH

[72] HOFFMANN, JUERGEN, CH

[71] ALSTOM TECHNOLOGY LTD, CH

[22] 2013-03-18

[41] 2013-09-26

[30] EP (12161157.8) 2012-03-26

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[21] **2,809,842**  
[13] A1

[51] **Int.Cl. A61M 29/00 (2006.01)**

[25] EN

[54] **DILATOR CENTERING DEVICE AND ASSEMBLIES**

[54] **DISPOSITIF DE CENTRAGE D'UN DILATATEUR ET ASSEMBLAGES**

[72] EBERHARDT, MARK, US

[72] ISE, HIROYOSHI, US

[72] STERN, GEORGE, US

[72] MILLER, MICHAEL, US

[72] YAMADA, YASUTAKE, US

[72] BILGE, HUSEXIN FERTAC, US

[71] TERUMO MEDICAL CORPORATION, US

[22] 2013-03-18

[41] 2013-09-23

[30] US (13/428,901) 2012-03-23

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[21] **2,809,859**  
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01)**

[25] EN

[54] **MICROWAVE-SHIELDED TISSUE SENSOR PROBE**

[54] **SONDE POUR TISSUS PROTEGEE CONTRE LES MICRO-ONDES**

[72] BRANNAN, JOSEPH D., US

[72] BONN, KENLYN S., US

[71] COVIDIEN LP, US

[22] 2013-03-19

[41] 2013-09-27

[30] US (13/430,810) 2012-03-27

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[21] **2,809,860**  
[13] A1

[51] **Int.Cl. B65B 7/28 (2006.01) B65B 7/16 (2006.01)**

[25] EN

[54] **SEALING DEVICE AND METHOD FOR SEALING A CONTAINER BOWL WITH A HEAT SEALING FILM**

[54] **DISPOSITIF DE SCELLEMENT ET PROCEDE SCELLEMENT D'UN BOL AVEC UNE PELLICULE THERMOCOLLANTE**

[72] STRAUB, KLAUS, DE

[72] EGELKRAUT, UDO, DE

[71] HARRO HOEFLIGER VERPACKUNGSMASCHINEN GMBH, DE

[22] 2013-03-19

[41] 2013-09-26

[30] EP (12 002 095.3) 2012-03-26

**Demandes canadiennes mises à la disponibilité du public**  
**22 septembre 2013 au 28 septembre 2013**

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[21] **2,809,872**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07K 16/40 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **LARGE DELETIONS IN HUMAN PMS2 GENE AND USE THEREOF**

[54] **VASTES SUPPRESSIONS DANS LE GENE PMS2 HUMAIN ET UTILISATIONS CONNEXES**

[72] BOWLES, KARLA R., US

[72] LECLAIR, BENOIT, US

[72] RAJAMANI, SARADHA, US

[72] TROST, JEFFREY T., US

[72] LONDON, JACK W., US

[72] ROA, BENJAMIN B., US

[71] MYRIAD GENETICS, INCORPORATED, US

[22] 2013-03-19

[41] 2013-09-23

[30] US (61/614,850) 2012-03-23

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[21] **2,809,948**  
[13] A1

[51] **Int.Cl. A61M 25/14 (2006.01) A61B 18/18 (2006.01) A61M 25/095 (2006.01)**

[25] EN

[54] **FLUID MANAGEMENT CATHETER AND METHODS OF USING SAME**

[54] **CATHETER POUR LA GESTION DES FLUIDES ET SES PROCEDES D'UTILISATION**

[72] DEXTRADEUR, ALAN J., US

[72] MCCUSKER, DANIEL, US

[71] DEPUY SYNTHES PRODUCTS, LLC, US

[22] 2013-03-19

[41] 2013-09-22

[30] US (13/427,232) 2012-03-22

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[21] **2,809,987**  
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01) B23P 15/00 (2006.01)**

[25] EN

[54] **STRUCTURAL CASE FOR AIRCRAFT GAS TURBINE ENGINE**

[54] **ENCEINTE POUR TURBINE A GAZ D'AERONEF**

[72] DENIS, DAVID, CA

[72] ELEFThERIOU, ANDREAS, CA

[72] MENHEERE, DAVID HAROLD, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-18

[41] 2013-09-27

[30] US (13/431,121) 2012-03-27

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[21] **2,809,988**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**

[25] EN

[54] **ACTIVATION FEATURE FOR SURGICAL INSTRUMENT WITH PENCIL GRIP**

[54] **FONCTION D'ACTIVATION POUR INSTRUMENT CHIRURGICAL AVEC PRISE-CRAYON**

[72] KIMBALL, CORY G., US

[72] PRICE, DANIEL W., US

[72] CLEM, WILLIAM E., US

[71] ETHICON ENDO-SURGERY, INC., US

[22] 2013-03-19

[41] 2013-09-22

[30] US (13/426,834) 2012-03-22

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[21] **2,809,992**  
[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01) G06F 21/44 (2013.01) G07F 17/32 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD ENABLING PARALLEL PROCESSING OF HASH FUNCTIONS USING AUTHENTICATION CHECKPOINT HASHES**

[54] **SYSTEME ET PROCEDE PERMETTANT LE TRAITEMENT EN PARALLELE DES FONCTIONS DE HACHAGE AU MOYEN D'ALGORITHMES DE HACHAGE D'AUTHENTIFICATION AUX POINTS DE VERIFICATION**

[72] WOLF, BRYAN D., US

[71] IGT, US

[22] 2013-03-19

[41] 2013-09-27

[30] US (13/431,696) 2012-03-27

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[21] **2,810,028**  
[13] A1

[51] **Int.Cl. F23R 3/60 (2006.01) F01D 25/08 (2006.01) F02C 7/24 (2006.01)**

[25] EN

[54] **COMBUSTOR HEAT SHIELD**

[54] **CHEMISE THERMIQUE DE CHAMBRE DE COMBUSTION**

[72] MORENKO, OLEG, CA

[72] PATEL, BHAWAN B., CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-21

[41] 2013-09-23

[30] US (13/427,944) 2012-03-23

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[21] **2,810,029**  
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 11/08 (2006.01)**

[25] EN

[54] **GROMMET FOR GAS TURBINE VANE**

[54] **ANNEAU POUR AUBE DE TURBINE A GAZ**

[72] IVAKITCH, RICHARD, CA

[72] ELEFThERIOU, ANDREAS, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-21

[41] 2013-09-23

[30] US (13/428,720) 2012-03-23

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[21] **2,810,031**  
[13] A1

[51] **Int.Cl. F01C 21/18 (2006.01) F01C 19/00 (2006.01) F01C 21/00 (2006.01)**

[25] EN

[54] **PORT FOR ROTARY INTERNAL COMBUSTION ENGINE**

[54] **ORIFICE POUR MOTEUR ROTATIF A COMBUSTION INTERNE**

[72] GEKHT, EUGENE, CA

[72] BOLDUC, SEBASTIEN, CA

[72] GAGNON-MARTIN, DAVID, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-21

[41] 2013-09-22

[30] US (13/427,021) 2012-03-22

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[21] **2,810,032**  
[13] A1

[51] **Int.Cl. F02C 7/24 (2006.01) F02C 7/22 (2006.01)**

[25] EN

[54] **FUEL MANIFOLD HEAT SHIELD FOR A GAS TURBINE ENGINE**

[54] **PROTECTEUR THERMIQUE DE RAMPE D'ALIMENTATION DE COMBUSTIBLE POUR TURBINE A GAZ**

[72] PATEL, BHAWAN B., CA

[72] MORENKO, OLEG, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2013-03-21

[41] 2013-09-26

[30] US (13/429,789) 2012-03-26

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[21] **2,810,040**  
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61Q 19/10 (2006.01)**

[25] EN

[54] **THICKENER SYSTEMS FOR PERSONAL CARE AND OTHER CLEANSING COMPOSITIONS**

[54] **COMBINAISON D'EPAISSISSANTS POUR COMPOSITIONS DE SOINS PERSONNELS ET DE NETTOYAGE**

[72] MERCES, ALLA, US

[71] BURT'S BEES, INC., US

[22] 2013-03-20

[41] 2013-09-23

[30] US (13/428,459) 2012-03-23

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[21] **2,810,050**  
[13] A1

[51] **Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01)**

[25] EN

[54] **DOWNLIGHT FIXTURES**

[54] **APPAREILS D'ECLAIRAGE A FLUX DIRIGE VERS LE BAS**

[72] CLIFTON, DAVID WILEY, US

[72] BELL, LARRY MICHAEL, US

[72] KRUSE, GLEN ANDREW, US

[72] GROVE, DOUGLAS DEWAYNE, US

[72] RODRIGUES, YAN, US

[71] ABL IP HOLDING LLC, US

[22] 2013-03-19

[41] 2013-09-27

[30] US (61/685,924) 2012-03-27

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[21] **2,810,056**  
[13] A1

[51] **Int.Cl. H04L 12/12 (2006.01) H04W 4/12 (2009.01) H04W 84/18 (2009.01) H04L 29/12 (2006.01)**

[25] EN

[54] **PEER-TO-PEER TIME LIMITED DATA SHARING**

[54] **PARTAGE DE DONNEES POSTE-A-POSTE SELON UN DELAI FIXE**

[72] STEELE, JAY DAVID, CA

[72] JOHANSEN, SHAUN R., CA

[72] MORI, ROBERT FELICE, US

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-03-20

[41] 2013-09-23

[30] US (61/614,945) 2012-03-23

[30] US (13/571,976) 2012-08-10

[30] EP (12180175.7) 2012-08-10

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[21] **2,810,060**  
[13] A1

[51] **Int.Cl. C07C 255/43 (2006.01) C07C 229/34 (2006.01) C07D 223/16 (2006.01)**

[25] FR

[54] **NEW SYNTHESIS PROCESS FOR IVABRADINE AND ITS ADDITION SALTS TO A PHARMACEUTICALLY ACCEPTABLE ACID**

[54] **NOUVEAU PROCEDE DE SYNTHESE DE L'IVABRADINE ET DE SES SELS D'ADDITION A UN ACIDE PHARMACEUTIQUEMENT ACCEPTABLE**

[72] LE FLOHIC, ALEXANDRE, FR

[72] GRANDJEAN, MATHIEU, FR

[71] LES LABORATOIRES SERVIER, FR

[22] 2013-03-14

[41] 2013-09-27

[30] FR (12/52728) 2012-03-27

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[21] **2,810,067**  
[13] A1

[51] **Int.Cl. E02F 3/14 (2006.01) E21C 27/30 (2006.01)**

[25] EN

[54] **MODULAR DIRECT DRIVE SYSTEM FOR AN INDUSTRIAL MACHINE**

[54] **SYSTEME MODULAIRE D'ENTRAINEMENT DIRECT POUR MACHINE INDUSTRIELLE**

[72] VOELZ, NICHOLAS R., US

[72] COLWELL, JOSEPH, US

[72] WENDT, DAVID, US

[71] HARNISCHFEGER TECHNOLOGIES, INC., US

[22] 2013-03-21

[41] 2013-09-26

[30] US (61/615,569) 2012-03-26

[30] US (13/835,363) 2013-03-15

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**22 septembre 2013 au 28 septembre 2013**

[21] **2,810,079**  
[13] A1

[51] **Int.Cl. E04F 15/22 (2006.01) E04F 15/02 (2006.01)**  
[25] EN  
[54] **STRUCTURAL SYSTEMS FOR RESTRAINING ELEVATED SURFACE TILES**  
[54] **SYSTEMES STRUCTURAUX POUR RETENIR UN CARRELAGE DE SURFACE SURELEVE**  
[72] KNIGHT, STEPHEN J., III, US  
[72] KUGLER, WILLIAM E., US  
[71] UNITED CONSTRUCTION PRODUCTS, INC., US  
[22] 2013-03-21  
[41] 2013-09-28  
[30] US (13/433,211) 2012-03-28

[21] **2,810,096**  
[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01)**  
[25] EN  
[54] **CATHETER WITH COMPOSITE CONSTRUCTION**  
[54] **CATHETER DE FABRICATION COMPOSITE**  
[72] SCHULTZ, JEFFREY W., US  
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
[22] 2013-03-20  
[41] 2013-09-26  
[30] US (13/430,530) 2012-03-26

[21] **2,810,104**  
[13] A1

[51] **Int.Cl. F26B 1/00 (2006.01) B01D 21/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR THE CONDITIONING OF RAW BIOMASS**  
[54] **PROCEDE ET SYSTEME DE CONDITIONNEMENT DE BIOMASSE BRUTE**  
[72] LAKHMIRI, MOHAMMED SIMO, CA  
[71] LAKSON INTERNATIONAL DEVELOPMENT INC., CA  
[22] 2013-03-14  
[41] 2013-09-23  
[30] US (61/614,576) 2012-03-23

[21] **2,810,128**  
[13] A1

[51] **Int.Cl. F21S 11/00 (2006.01) A47H 23/00 (2006.01) E06B 7/00 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE LIGHT SHELF**  
[54] **TABLETTE ECLAIRANTE AJUSTABLE**  
[72] BARBULESCU, ION-HORATIU, US  
[71] ALCOA INC., US  
[22] 2013-03-22  
[41] 2013-09-22  
[30] US (13/427,434) 2012-03-22

[21] **2,810,138**  
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**  
[25] EN  
[54] **EXHAUST GAS TREATMENT SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT**  
[72] TSUJIUCHI, TATSUYA, US  
[72] HONJO, SHINTARO, US  
[72] YONEKAWA, TAKAHITO, US  
[72] SUGITA, SATORU, US  
[72] ITO, MOTOFUMI, US  
[72] KAMIJO, TAKASHI, JP  
[72] NAGAYASU, TATSUTO, JP  
[72] OKAMOTO, TAKUYA, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2013-03-20  
[41] 2013-09-28  
[30] US (61/616,677) 2012-03-28  
[30] US (13/604,136) 2012-09-05

[21] **2,810,139**  
[13] A1

[51] **Int.Cl. E21B 43/114 (2006.01) E21B 29/06 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **MULTIZONE AND ZONE-BY-ZONE ABRASIVE JETTING TOOLS AND METHODS FOR FRACTURING SUBTERRANEAN FORMATIONS**  
[54] **OUTILS D'ABRASIJET MULTIZONE OU ZONE-PAR-ZONE ET METHODES DE FRACTURATION DE FORMATIONS SOUTERRAINES**  
[72] COOK, DAVID, CA  
[71] CANADIAN FRACTURING LTD., CA  
[22] 2013-03-21  
[41] 2013-09-22  
[30] US (61/614,076) 2012-03-22

[21] **2,810,144**  
[13] A1

[51] **Int.Cl. G01S 19/37 (2010.01) G01S 19/24 (2010.01)**  
[25] EN  
[54] **MULTI-ANTENNA RADIO-NAVIGATION SIGNALS RECEPTION DEVICE**  
[54] **RECEPTEUR DE SIGNAUX DE RADIONAVIGATION EQUIPE DE PLUSIEURS ANTENNES**  
[72] MARTIN, NICOLAS, FR  
[72] CHOPARD, VINCENT, FR  
[72] DEPRAZ, DAVID, FR  
[71] THALES, FR  
[22] 2013-03-21  
[41] 2013-09-22  
[30] FR (1200854) 2012-03-22

[21] **2,810,155**  
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) F16F 7/10 (2006.01) F16F 15/10 (2006.01) G10K 11/16 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ATTENUATING NOISE IN A WIND TURBINE**  
[54] **SYSTEMES ET PROCEDES POUR ATTENUER LE BRUIT D'UNE EOLIENNE**  
[72] HEDEEN, ROBERT ARVIN, US  
[72] DAVIS, JOHN PAUL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2013-03-22  
[41] 2013-09-28  
[30] US (13/432,221) 2012-03-28

[21] **2,810,157**  
[13] A1

[51] **Int.Cl. F03D 7/00 (2006.01) F03D 7/04 (2006.01)**  
[25] EN  
[54] **METHOD OF ROTOR-STALL PREVENTION IN WIND TURBINES**  
[54] **PROCEDE DE PREVENTION DU DECROCHAGE DU ROTOR DANS LES EOLIENNES**  
[72] KAMMER, LEONARDO CESAR, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2013-03-22  
[41] 2013-09-27  
[30] US (13/430,930) 2012-03-27

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[21] **2,810,169**  
[13] A1

[51] **Int.Cl. C22C 30/00 (2006.01) C22C 14/00 (2006.01) C22C 21/00 (2006.01) C30B 29/52 (2006.01)**

[25] EN

[54] **TITANIUM ALUMINIDE INTERMETALLIC COMPOSITIONS**

[54] **COMPOSITIONS INTERMETALLIQUES A BASE D'ALUMINIURE DE TITANE**

[72] WEIMER, MICHAEL JAMES, US

[72] BEWLAY, BERNARD PATRICK, US

[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US

[72] KELLY, THOMAS JOSEPH, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2013-03-21

[41] 2013-09-24

[30] US (61/615,253) 2012-03-24

[30] US (13/444,357) 2012-04-11

[21] **2,810,186**  
[13] A1

[51] **Int.Cl. G01S 19/37 (2010.01)**

[25] EN

[54] **DEVICE FOR RECEIVING RADIO-NAVIGATION SIGNALS WITH MULTIPLE ANTENNAS AND COMMON SYNCHRONIZATION SLAVING**

[54] **RECEPTEUR DE SIGNAUX DE RADIONAVIGATION EQUIPE DE PLUSIEURS ANTENNES ET ASSERVISSEMENT UNIQUE DE LA SYNCHRONISATION**

[72] MARTIN, NICOLAS, FR

[72] CHOPARD, VINCENT, FR

[72] DEPRAZ, DAVID, FR

[71] THALES, FR

[22] 2013-03-21

[41] 2013-09-22

[30] FR (1200855) 2012-03-22

[21] **2,810,195**  
[13] A1

[51] **Int.Cl. B29B 7/32 (2006.01)**

[25] EN

[54] **MIXING DEVICE FOR A CLOSED RESIN INFUSION PROCESS**

[54] **DISPOSITIF MELANGEUR POUR PROCEDE D'INFUSION DE RESINE FERME**

[72] HARBOE, NIELS, DK

[72] JENSEN, CASPER HOUMANN, DK

[71] SIEMENS AKTIENGESSELLSCHAFT, DE

[22] 2013-03-22

[41] 2013-09-26

[30] EP (12161267.5) 2012-03-26

[21] **2,810,216**  
[13] A1

[51] **Int.Cl. G01C 21/34 (2006.01)**

[25] EN

[54] **PATH SEARCHING METHOD AND PATH SEARCH DEVICE**

[54] **PROCEDE ET DISPOSITIF DE RECHERCHE DE CHEMIN**

[72] SHINAGAWA, AKIO, JP

[72] TAMAI, KYOHEI, JP

[71] FUJITSU LIMITED, JP

[22] 2013-03-22

[41] 2013-09-28

[30] JP (2012-075169) 2012-03-28

[21] **2,810,218**  
[13] A1

[51] **Int.Cl. F16K 27/00 (2006.01) B05B 1/22 (2006.01) E03C 1/04 (2006.01) F16K 11/00 (2006.01)**

[25] EN

[54] **HYBRID FAUCET ASSEMBLY AND WATER WAY FOR SAME**

[54] **ROBINET HYBRIDE ET CONDUITE D'EAU POUR LEDIT ROBINET**

[72] PITSCH, WALTER, US

[72] MARINOV, MARIN, US

[72] YE, XIAO JING, CN

[71] AS IP HOLDCO, LLC, US

[22] 2013-03-22

[41] 2013-09-22

[30] US (61/614,465) 2012-03-22

[21] **2,810,228**  
[13] A1

[51] **Int.Cl. E01F 8/00 (2006.01) E01F 15/08 (2006.01) E04C 2/00 (2006.01)**

[25] EN

[54] **PANEL ASSEMBLY FOR TRAFFIC NOISE BARRIER WALL**

[54] **ASSEMBLAGE DE PANNEAUX POUR MUR ANTIBRUIT LE LONG DES ROUTES**

[72] HUMPHRIES, ERIC C., US

[72] BARRATT, STEPHEN D., US

[72] STAUFFER, RAY, US

[72] NOWICKI, PAUL D., US

[72] MILLER, JOHN H., US

[72] BINETTE, NATHAN, US

[71] EVONIK CYRO LLC, US

[22] 2013-03-22

[41] 2013-09-22

[30] US (13/427,157) 2012-03-22

[21] **2,810,231**  
[13] A1

[51] **Int.Cl. H04B 1/18 (2006.01) H03M 1/12 (2006.01)**

[25] EN

[54] **RADIO FREQUENCY FRONT END FOR TELEVISION BAND RECEIVER AND SPECTRUM SENSORS**

[54] **TETE RF POUR TELEVISEURS ET CAPTEURS DE SPECTRE**

[72] BIRKETT, NEIL, CA

[72] SAMARASOORIYA, VAJIRA, CA

[72] YEE, JUNG, CA

[71] WI-LAN, INC., CA

[22] 2013-03-22

[41] 2013-09-23

[30] US (13/429,205) 2012-03-23

[21] **2,810,256**  
[13] A1

[51] **Int.Cl. A01C 23/04 (2006.01)**

[25] EN

[54] **STROBED SPRAY NOZZLE ILLUMINATOR**

[54] **LUMIERE STROBOSCOPIQUE POUR BUSE DE PULVERISATION**

[72] GUNTHORPE, GARY, CA

[71] GUNTHORPE, GARY, CA

[22] 2013-03-25

[41] 2013-09-27

[30] CA (2,773,087) 2012-03-27



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[21] **2,810,260**  
[13] A1

[51] **Int.Cl. F16B 17/00 (2006.01) A47B 96/14 (2006.01) F16L 3/00 (2006.01)**

[25] EN

[54] **STRUT AND TRAPEZE SYSTEM**

[54] **SYSTEME DE BARRES ET DE TRAPEZES**

[72] MAGNO, JOEY D., JR., US

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2013-03-25

[41] 2013-09-26

[30] US (61/615,407) 2012-03-26

[30] US (13/765,847) 2013-02-13

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[21] **2,810,315**  
[13] A1

[51] **Int.Cl. F16M 13/02 (2006.01) A47G 23/02 (2006.01) B62B 5/00 (2006.01) B62B 9/00 (2006.01) G09F 23/00 (2006.01)**

[25] EN

[54] **PORTABLE SHOPPING CART BEVERAGE CARRIER**

[54] **PORTE-BOISSONS POUR PANIER D'ACHATS**

[72] FORBES, ANDREW JAMES, CA

[72] ZAMMIT, KELLY SARAH, CA

[71] FORBES, ANDREW JAMES, CA

[71] ZAMMIT, KELLY SARAH, CA

[22] 2013-03-21

[41] 2013-09-27

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[21] **2,810,338**  
[13] A1

[51] **Int.Cl. A61J 7/00 (2006.01) G06Q 10/08 (2012.01) G06Q 50/22 (2012.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ONSITE DISTRIBUTION OF MEDICATIONS AND MEDICAL SUPPLIES**

[54] **METHODE ET APPAREIL DE DISTRIBUTION SUR PLACE DE MEDICAMENTS ET DE FOURNITURES MEDICALES**

[72] CARSON, BRADLEY E., US

[72] SZESKO, MICHAEL J., US

[71] OMNICARE, INC., US

[22] 2013-03-25

[41] 2013-09-26

[30] US (61/615,711) 2012-03-26

[30] US (13/801,944) 2013-03-13

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[21] **2,810,340**  
[13] A1

[51] **Int.Cl. A61L 9/02 (2006.01) A47G 33/00 (2006.01) F21H 5/00 (2006.01)**

[25] EN

[54] **COMBUSTIBLE WRITABLE INCENSE DEVICE AND METHOD OF MAKING SAME**

[54] **DISPOSITIF A ENCENS COMBUSTIBLE ET INSCRIPTIBLE ET METHODE DE PRODUCTION**

[72] NEWELL, HEIDI ELISE, US

[71] NEWELL, HEIDI ELISE, US

[22] 2013-03-25

[41] 2013-09-27

[30] GB (GB 1205339.3) 2012-03-27

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[21] **2,810,342**  
[13] A1

[51] **Int.Cl. B65D 81/38 (2006.01)**

[25] EN

[54] **FOOD TRANSPORT AND STORAGE CONTAINER HAVING REMOVABLE INNER CONTAINER AND INSULATING OUTER SLEEVE**

[54] **RECIPIENT POUR LE STOCKAGE ET LE TRANSPORT D'ALIMENTS CONSTITUE D'UN CONTENANT INTERIEUR AMOVIBLE ET D'UNE ENVELOPPE EXTERIEURE ISOLANTE**

[72] LANE, MARVIN, US

[71] THERMOS L.L.C., US

[22] 2013-03-22

[41] 2013-09-22

[30] US (13/847,536) 2013-03-20

[30] US (61/614,232) 2012-03-22

[30] US (61/691,528) 2012-08-21

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[21] **2,810,348**  
[13] A1

[51] **Int.Cl. B65D 43/16 (2006.01) B65D 81/38 (2006.01)**

[25] EN

[54] **FOOD STORAGE CONTAINER WITH QUICK ACCESS LID**

[54] **CONTENANT POUR LE STOCKAGE D'ALIMENTS AVEC COUVERCLE FACILE D'UTILISATION**

[72] LANE, MARVIN, US

[71] THERMOS L.L.C., US

[22] 2013-03-22

[41] 2013-09-23

[30] US (13/847,577) 2013-03-20

[30] US (61/614,552) 2012-03-23

[30] US (61/695,681) 2012-08-31

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[21] **2,810,379**  
[13] A1

[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/20 (2006.01)**

[25] FR

[54] **BITUMEN IMPREGNATED MOULDED CELLULOSE RIDGE AND APPLICATION**

[54] **FAITIERE EN CELLULOSE MOULEE IMPREGNEE DE BITUME, APPLICATION**

[72] DERREUMAUX, CHARLES, FR

[72] KAMIL, MELIH, TR

[71] ONDULINE, FR

[22] 2013-03-22

[41] 2013-09-27

[30] FR (12 52752) 2012-03-27

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[21] **2,810,389**  
[13] A1

[51] **Int.Cl. G09F 3/04 (2006.01) B60C 25/00 (2006.01)**

[25] EN

[54] **TIRE TAG FOR IDENTIFYING TIRE MOUNTING LOCATION**

[54] **ETIQUETTE DE PNEU POUR IDENTIFIER LES EMPLACEMENTS DE MONTAGE**

[72] AMARAL, MIKE, CA

[71] AMARAL, MIKE, CA

[22] 2013-03-26

[41] 2013-09-26

[30] US (61/615,548) 2012-03-26

[30] US (61/648,423) 2012-05-17

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[21] **2,810,432**  
[13] A1

[51] **Int.Cl. E01B 29/32 (2006.01)**

[25] EN

[54] **TIE PLATE SEPARATOR AND METHOD THEREOF**

[54] **SEPARATEUR DE SELLES DE RAIL ET PROCEDE CONNEXE**

[72] COOTS, WILLIAM R., US

[71] B&B METALS, INC., US

[22] 2013-03-21

[41] 2013-09-23

[30] US (13/428,828) 2012-03-23

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[21] **2,810,535**  
[13] A1

[51] **Int.Cl. F04B 53/20 (2006.01) E21B 33/068 (2006.01) F04B 47/00 (2006.01)**  
[25] EN  
[54] **WIPER ASSEMBLY FOR A PUMP**  
[54] **DISPOSITIF D'ESSUYAGE POUR POMPE**  
[72] STACHOWIAK, JOHN EDWARD, JR., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2013-03-25  
[41] 2013-09-28  
[30] US (61/616,776) 2012-03-28

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[21] **2,810,540**  
[13] A1

[51] **Int.Cl. G09G 5/02 (2006.01) G01V 1/34 (2006.01) G01V 9/00 (2006.01) G01V 11/00 (2006.01)**  
[25] EN  
[54] **SEISMIC ATTRIBUTE COLOR MODEL TRANSFORM**  
[54] **TRANSFORMATION D'UN MODELE COULEUR D'ATTRIBUTS SISMIQUES**  
[72] LAAKE, ANDREAS W., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2013-03-26  
[41] 2013-09-28  
[30] US (61/616,497) 2012-03-28  
[30] US (61/699,986) 2012-09-12

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[21] **2,810,545**  
[13] A1

[51] **Int.Cl. A01K 85/00 (2006.01)**  
[25] EN  
[54] **FISHING LURE**  
[54] **LEURRE DE PECHE**  
[72] COIA, IVO, CA  
[71] COIA, IVO, CA  
[22] 2013-03-26  
[41] 2013-09-26  
[30] US (61/615585) 2012-03-26

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[21] **2,810,547**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/08 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMPLETING A TRANSACTION WITH A PAYMENT TERMINAL**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UNE TRANSACTION AU MOYEN D'UN TERMINAL DE PAIEMENT**  
[72] HAYHOW, ROBERT, CA  
[72] GLEESON, BRYAN MICHAEL, CA  
[71] THE TORONTO DOMINION BANK, CA  
[22] 2013-03-25  
[41] 2013-09-23  
[30] US (61/615,168) 2012-03-23

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[21] **2,810,548**  
[13] A1

[51] **Int.Cl. H04N 5/351 (2011.01) G06T 1/00 (2006.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR MOTION ENHANCED IMAGE CAPTURE**  
[54] **PROCEDE ET DISPOSITIFS DE CAPTURE D'IMAGE EN MOUVEMENT AMELIOREE**  
[72] KEANE, JAMES ABRAHAM, US  
[72] LEE, YUN SUN, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-03-25  
[41] 2013-09-27  
[30] EP (12161603.1) 2012-03-27

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[21] **2,810,552**  
[13] A1

[51] **Int.Cl. G03B 13/32 (2006.01) H04N 5/351 (2011.01) G03B 13/36 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR FOCUS SELECTION IN DIGITAL CAMERAS**  
[54] **PROCEDE ET DISPOSITIF DE SELECTION DE LA MISE AU POINT DANS LES APPAREILS PHOTO NUMERIQUES**  
[72] HSU, CHENG-SHENG, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-03-25  
[41] 2013-09-26  
[30] EP (12161303.8) 2012-03-26

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[21] **2,810,557**  
[13] A1

[51] **Int.Cl. G06Q 50/14 (2012.01) G06Q 10/02 (2012.01)**  
[25] EN  
[54] **FINDING BEST SEATING SELECTIONS VIA ALGORITHMIC SEARCH**  
[54] **SELECTION DE SIEGES IDEAUX A L'AIDE D'UNE RECHERCHE PAR ALGORITHME**  
[72] MONTERO, RICHARD JOSEPH LAMPREA, PH  
[72] HORNBAKER, TERRY WAYNE, US  
[72] SINK, RAELYNN A., US  
[72] MCREAKEN, JANICE, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2013-03-25  
[41] 2013-09-28  
[30] US (13/432,570) 2012-03-28

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[21] **2,810,561**  
[13] A1

[51] **Int.Cl. G01N 37/00 (2006.01) G01K 3/04 (2006.01) G06F 17/18 (2006.01) G06F 17/40 (2006.01)**  
[25] EN  
[54] **METHODS AND DEVICES FOR MONITORING THE INTEGRITY OF AN ARTICLE DURING TRANSPORTING SAID ARTICLE**  
[54] **PROCEDES ET APPAREILS POUR SURVEILLER L'INTEGRITE D'UN ARTICLE PENDANT SON TRANSPORT**  
[72] OERTLI, CHRISTIAN, CH  
[71] BERLINGER & CO. AG, CH  
[22] 2013-03-25  
[41] 2013-09-28  
[30] US (13/432,635) 2012-03-28

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[21] **2,810,566**  
[13] A1

[51] **Int.Cl. G08B 21/22 (2006.01) H04W 4/02 (2009.01) G08C 17/02 (2006.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **MOBILE DURESS DYNAMIC REGISTRATION AND PENDANT MANAGEMENT SYSTEM**  
[54] **ENREGISTREMENT DYNAMIQUE MOBILE DE CONTRAINTES ET SYSTEMES DE GESTION CONNEXE**  
[72] JARMAN, MARK WAYNE, US  
[72] SLACK, MICHAEL KENNETH, US  
[72] COMMARE, DONALD LEO, US  
[72] ROTH, ERIC SCOTT, US  
[72] DEVER, CRAIG SCOTT, US  
[72] MARKERT, CAROL THERESA, US  
[72] BROWN, ROLAND EUGENE, US  
[72] SHURMANTINE, WILLIAM NEAL, US  
[72] BURKARD, DARYL THOMAS, US  
[72] HUBER, CHRISTIAN, US  
[72] TAYLOR, HARRY BAYLOR, US  
[72] LEWIS, SEAN, US  
[72] AL-HAMOODAH, RASHID, US  
[71] INOVONICS WIRELESS CORPORATION, US  
[22] 2013-03-25  
[41] 2013-09-27  
[30] US (61/616,190) 2012-03-27  
[30] US (13/790,812) 2013-03-08

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[21] **2,810,576**  
[13] A1

[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/00 (2006.01) B62B 5/08 (2006.01)**  
[25] EN  
[54] **TROLLEY**  
[54] **CHARIOT**  
[72] KRAUS, BERND, DE  
[72] SEITER, DANIELA, DE  
[71] WANZL METALLWARENFABRIK GMBH, DE  
[22] 2013-03-26  
[41] 2013-09-26  
[30] DE (10 2012 102 568.1) 2012-03-26

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[21] **2,810,586**  
[13] A1

[51] **Int.Cl. B24B 53/04 (2012.01)**  
[25] EN  
[54] **TOOL DRESSING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE RECTIFICATION D'OUTILS**  
[72] REMENTER, FRANKLIN, US  
[71] HUYS INDUSTRIES LIMITED, CA  
[22] 2013-03-27  
[41] 2013-09-27  
[30] US (61/616,066) 2012-03-27

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[21] **2,810,593**  
[13] A1

[51] **Int.Cl. H02P 9/10 (2006.01) H02M 5/42 (2006.01)**  
[25] EN  
[54] **DOUBLE FED INDUCTION GENERATOR (DFIG) CONVERTER AND METHOD FOR IMPROVED GRID FAULT RIDETHROUGH**  
[54] **CONVERTISSEUR POUR GENERATRICE A DOUBLE ALIMENTATION ET PROCEDE PERMETTANT D'ASSURER UNE CONTINUTE ACCRUE DE L'ALIMENTATION EN CAS DE DEFAUT DU RESEAU**  
[72] LU, HAIHUI, CN  
[72] YUAN, ZHENHUAN, CN  
[72] WEI, LIXIANG, US  
[72] KERKMAN, RUSSEL, US  
[72] LUKASZEWSKI, RICHARD, US  
[72] AHMED, AHMED MOHAMED SAYED, US  
[71] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US  
[22] 2013-03-26  
[41] 2013-09-26  
[30] US (13/430,504) 2012-03-26

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[21] **2,810,615**  
[13] A1

[51] **Int.Cl. B29C 73/10 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR REPAIRING COMPLEX LAMINATED COMPOSITES**  
[54] **PROCEDE DE REPARATION DE COMPOSITES STRATIFIES COMPLEXES**  
[72] WHITWORTH, DENVER R., US  
[72] NOTTORF, ERIC W., US  
[72] CRIBB, VANCE N., III, US  
[72] JITARIU, DUMITRU, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2013-03-27  
[41] 2013-09-28  
[30] US (13/433,106) 2012-03-28

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[21] **2,810,616**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G07F 7/08 (2006.01) G06F 21/33 (2013.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTHENTICATING A PAYMENT TERMINAL**  
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UN TERMINAL DE PAIEMENT**  
[72] HAYHOW, ROBERT, CA  
[72] GLEESON, BRYAN MICHAEL, CA  
[71] THE TORONTO DOMINION BANK, CA  
[22] 2013-03-25  
[41] 2013-09-23  
[30] CA (61/615,618) 2012-03-23

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[21] **2,810,618**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/66 (2006.01) G06Q 20/02 (2012.01) G06Q 20/40 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTHENTICATING A NETWORK GATEWAY**  
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UNE PASSERELLE RESEAU**  
[72] HAYHOW, ROBERT, CA  
[72] GLEESON, BRYAN MICHAEL, CA  
[71] THE TORONTO DOMINION BANK, CA  
[22] 2013-03-25  
[41] 2013-09-23  
[30] US (61/615,168) 2012-03-23

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[21] **2,810,621**  
[13] A1

[51] **Int.Cl. A61F 5/00 (2006.01)**  
[25] EN  
[54] **PERSONAL COMFORT DEVICE**  
[54] **APPAREIL POUR ACCROITRE LE**  
**CONFORT PERSONNEL**  
[72] KALHORY, REZA, CA  
[71] KALHORY, REZA, CA  
[22] 2013-03-26  
[41] 2013-09-26  
[30] US (61/615,547) 2012-03-26

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[21] **2,810,633**  
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**  
[25] EN  
[54] **HEATING, VENTILATION AND**  
**AIR CONDITIONING SYSTEM**  
**USER INTERFACE HAVING**  
**ACCURIZED TEMPERATURE**  
**SENSOR CONFIGURATION AND**  
**METHOD OF OPERATION**  
**THEREOF**  
[54] **INTERFACE UTILISATEUR D'UN**  
**SYSTEME DE CHAUFFAGE, DE**  
**VENTILATION ET DE**  
**CLIMATISATION DONT LA**  
**CONFIGURATION PERMET UNE**  
**MESURE PLUS PRECISE DE LA**  
**TEMPERATURE ET DU**  
**FONCTIONNEMENT DE LADITE**  
**INTERFACE**  
[72] LAZAR, STEVEN C., US  
[72] HREJSA, PETER, US  
[71] LENNOX INDUSTRIES INC., US  
[22] 2013-03-26  
[41] 2013-09-27  
[30] US (13/431,792) 2012-03-27

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[21] **2,810,637**  
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**  
[25] EN  
[54] **HEATING, VENTILATION AND**  
**AIR CONDITIONING SYSTEM**  
**USER INTERFACE HAVING**  
**SEASONAL PROGRAMS AND**  
**METHOD OF OPERATION**  
**THEREOF**  
[54] **INTERFACE UTILISATEUR D'UN**  
**SYSTEME DE CHAUFFAGE, DE**  
**VENTILATION ET DE**  
**CLIMATISATION COMPORTANT**  
**DES PROGRAMMES**  
**SAISONNIERS ET**  
**FONCTIONNEMENT DE LADITE**  
**INTERFACE**  
[72] DIFULGENTIZ, BOBBY, US  
[71] LENNOX INDUSTRIES INC., US  
[22] 2013-03-26  
[41] 2013-09-28  
[30] US (13/432,286) 2012-03-28

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[21] **2,810,639**  
[13] A1

[51] **Int.Cl. B60P 7/08 (2006.01)**  
[25] EN  
[54] **CARGO RESTRAINT**  
[54] **RETENUE DE CARGAISON**  
[72] DIAMOND, FREDERICK J., US  
[71] MIDWEST PRECISION PRODUCTS,  
INC., US  
[22] 2013-03-26  
[41] 2013-09-27  
[30] US (61/616,059) 2012-03-27

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[21] **2,810,640**  
[13] A1

[51] **Int.Cl. A47B 88/04 (2006.01) F16H**  
**37/14 (2006.01)**  
[25] EN  
[54] **SYNCHRONIZING DEVICE FOR**  
**SYNCHRONIZING SLIDING**  
**MOVEMENTS OF SLIDING RAIL**  
**UNITS AND A DRAWER, AND**  
**SYNCHRONIZING SPINDLE**  
**EXTENSION CONNECTOR AND**  
**ANTI-WOBBLING UNIT USED**  
**FOR THE SAME**  
[54] **DISPOSITIF DE**  
**SYNCHRONISATION DES**  
**MOUVEMENTS COULISSANTS**  
**DE GLISSIERES ET D'UN TIROIR,**  
**ET SYNCHRONISATION DU**  
**CONNECTEUR DE LA TIGE**  
**D'EXTENSION ET DU DISPOSITIF**  
**ANTI-VACILLEMENT UTILISES**  
**AVEC LEDIT DISPOSITIF**  
[72] CHEN, TSUNG-YAO, TW  
[71] SLIDE MEI YAO INTERNATIONAL  
CO., LTD., TW  
[22] 2013-03-26  
[41] 2013-09-26  
[30] TW (101110371) 2012-03-26

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[21] **2,810,688**  
[13] A1

[51] **Int.Cl. E01B 29/32 (2006.01)**  
[25] EN  
[54] **THE PLATE SEPARATOR AND**  
**METHOD THEREOF**  
[54] **SEPARATEUR DE SELLES DE**  
**RAIL ET PROCEDE CONNEXE**  
[72] COOTS, WILLIAM R., US  
[71] B&B METALS, INC., US  
[22] 2013-03-21  
[41] 2013-09-23  
[30] US (13/428,809) 2012-03-23

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[21] **2,810,694**  
[13] A1

[51] **Int.Cl. B63B 35/85 (2006.01) B63B**  
**43/00 (2006.01) B63C 7/00 (2006.01)**  
[25] EN  
[54] **CAPSIZ RECOVERY**  
**APPARATUS**  
[54] **APPAREIL DE REDRESSEMENT**  
**EN CAS DE CHAVIREMENT**  
[72] WOOLDRIDGE, DAVID, CA  
[71] WOOLDRIDGE, DAVID, CA  
[22] 2013-03-22  
[41] 2013-09-25  
[30] US (61615329) 2012-03-25

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[21] **2,810,740**  
[13] A1

[51] **Int.Cl. C04B 41/91 (2006.01)**  
[25] EN  
[54] **BODY FORMED OF REFRACTORY MATERIAL HAVING STRESS RELIEF SLITS AND METHOD OF FORMING THE SAME**  
[54] **CORPS FORME A PARTIR DE MATERIAU REFRACTAIRE EQUIPE DE FENTES DE DETENTE DES CONTRAINTES ET PROCEDE DE FABRICATION CONNEXE**  
[72] GORBY, GREGORY J., US  
[72] SAARI, DALE R., US  
[71] REFRACTORY SPECIALTIES, INC., US  
[22] 2013-03-28  
[41] 2013-09-28  
[30] US (61/616,743) 2012-03-28

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[21] **2,810,801**  
[13] A1

[51] **Int.Cl. G01M 17/00 (2006.01) B64F 5/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR EVALUATING THE STRUCTURAL COMPATIBILITY OF AN AIRCRAFT FOR USE ON ROUGH RUNWAYS**  
[54] **METHODE D'EVALUATION DE LA COMPATIBILITE STRUCTURALE D'UN AERONEF EN VUE DE SON UTILISATION SUR DES PISTES RABOTEUSES**  
[72] PICCOLO, ANTONIO, IT  
[72] MASTROIANNI, GAETANA, IT  
[72] MIGLIORE, SANDRO, IT  
[71] ALENIA AERMACCHI S.P.A., IT  
[22] 2013-03-27  
[41] 2013-09-27  
[30] US (TO2012A 000277) 2012-03-27

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[21] **2,810,847**  
[13] A1

[51] **Int.Cl. E01B 29/32 (2006.01)**  
[25] EN  
[54] **THE PLATE SEPARATOR AND METHOD THEREOF**  
[54] **SEPARATEUR DE SELLES DE RAIL ET PROCEDE CONNEXE**  
[72] COOTS, WILLIAM R., US  
[71] B&B METALS, INC., US  
[22] 2013-03-21  
[41] 2013-09-23  
[30] US (13/428,796) 2012-03-23

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[21] **2,810,860**  
[13] A1

[51] **Int.Cl. A61C 13/10 (2006.01)**  
[25] EN  
[54] **IMPLANT-SUPPORTED BRACED DENTAL BRIDGE ARMATURE MADE FROM COMPOSITE MATERIAL, AND METHOD FOR MANUFACTURING THE ARMATURE**  
[54] **ARMATURE FORTIFIEE POUR PONT DENTAIRE SUR IMPLANT FAIT D'UN MATERIAU COMPOSITE, ET PROCEDE DE FABRICATION DE LADITE ARMATURE**  
[72] CLUNET-COSTE, BRUNO, FR  
[72] MANEUF, BERNARD, FR  
[72] COLLOMBIN, ANDRE, FR  
[72] MONETTE, RAYMOND, CA  
[71] CLUNET-COSTE, BRUNO, FR  
[71] MANEUF, BERNARD, FR  
[71] COLLOMBIN, ANDRE, FR  
[71] MONETTE, RAYMOND, CA  
[22] 2013-03-20  
[41] 2013-09-23  
[30] FR (12 00 874) 2012-03-23

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[21] **2,810,864**  
[13] A1

[51] **Int.Cl. G01D 11/00 (2006.01)**  
[25] EN  
[54] **MEASURING DEVICE**  
[54] **APPAREIL DE MESURE**  
[72] MATT, ACHIM, DE  
[71] KROHNE MESSTECHNIK GMBH, DE  
[22] 2013-03-22  
[41] 2013-09-22  
[30] DE (10 2012 005 637.0) 2012-03-22

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[21] **2,810,877**  
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01) A47L 17/00 (2006.01) E03C 1/12 (2006.01)**  
[25] EN  
[54] **WATER RECYCLING UNIT**  
[54] **UNITE DE RECYCLAGE DE L'EAU**  
[72] GORDON SMITH, TIMOTHY, CA  
[71] GORDON SMITH, TIMOTHY, CA  
[22] 2013-03-27  
[41] 2013-09-27  
[30] US (61/616,122) 2012-03-27

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[21] **2,810,911**  
[13] A1

[51] **Int.Cl. C08B 30/00 (2006.01) A61K 47/36 (2006.01) C08J 3/12 (2006.01)**  
[25] EN  
[54] **MICRONIZED STARCH AND METHODS FOR MANUFACTURING SAME**  
[54] **AMIDON MICRONISE ET METHODES DE FABRICATION DE CELUI-CI**  
[72] LANE, CHRISTOPHER C., US  
[72] ZHANG, PINGYI, US  
[71] CORN PRODUCTS DEVELOPMENT, INC., US  
[22] 2013-03-27  
[41] 2013-09-28  
[30] US (13/438,758) 2012-03-28

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[21] **2,810,938**  
[13] A1

[51] **Int.Cl. B60K 6/44 (2007.10) B60K 6/36 (2007.10) B60K 6/38 (2007.10) B60K 6/40 (2007.10)**  
[25] EN  
[54] **POWERTRAIN SYSTEM FOR HYBRID VEHICLES HAVING COMPOUND AND SPLIT MODES OF OPERATION**  
[54] **SYSTEME MOTOPROPULSEUR POUR VEHICULES HYBRIDES COMPORTANT LES MODES DE FONCTIONNEMENT COMPOSE ET DIVISE**  
[72] SUNTHARALINGAM, PIRANAVAN, CA  
[72] EMADI, ALI, CA  
[71] MCMASTER UNIVERSITY, CA  
[22] 2013-03-26  
[41] 2013-09-26  
[30] US (61/615,649) 2012-03-26

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[21] **2,810,942**  
[13] A1

[51] **Int.Cl. B60K 6/44 (2007.10) B60K 6/36 (2007.10) B60K 6/38 (2007.10) B60K 6/40 (2007.10)**

[25] EN

[54] **INTEGRATED ELECTRO-MECHANICAL POWERTRAIN SYSTEM FOR HYBRID VEHICLES**

[54] **SYSTEME MOTOPROPULSEUR ELECTROMECHANIQUE INTEGRE POUR VEHICULES HYBRIDES**

[72] SUNTHARALINGAM, PIRANAVAN, CA

[72] EMADI, ALI, CA

[71] MCMASTER UNIVERSITY, CA

[22] 2013-03-26

[41] 2013-09-26

[30] US (61/615,658) 2012-03-26

[21] **2,810,945**  
[13] A1

[51] **Int.Cl. B60K 6/44 (2007.10) B60K 6/38 (2007.10) B60K 6/40 (2007.10)**

[25] EN

[54] **POWERTRAIN SYSTEM FOR HYBRID VEHICLES HAVING MULTIPLE MODES OF OPERATION**

[54] **SYSTEME MOTOPROPULSEUR POUR VEHICULES HYBRIDES COMPORTANT PLUSIEURS MODES DE FONCTIONNEMENT**

[72] SUNTHARALINGAM, PIRANAVAN, CA

[72] EMADI, ALI, CA

[71] MCMASTER UNIVERSITY, CA

[22] 2013-03-26

[41] 2013-09-26

[30] US (61/615,663) 2012-03-26

[21] **2,810,956**  
[13] A1

[51] **Int.Cl. B64D 45/00 (2006.01) B26D 5/38 (2006.01)**

[25] EN

[54] **CABLE CUTTING DEVICE FOR AIRCRAFT**

[54] **DISPOSITIF POUR SECTIONNER DES CABLES D'AERONEFS**

[72] KOSIE, ANDREW, CA

[72] BURGESS, RONALD D., CA

[71] MAGELLAN AEROSPACE, WINNIPEG A DIVISION OF MAGELL, CA

[22] 2013-03-20

[41] 2013-09-28

[30] US (61/616476) 2012-03-28

[21] **2,810,961**  
[13] A1

[51] **Int.Cl. H04H 60/33 (2009.01) H04N 21/258 (2011.01)**

[25] EN

[54] **MEDIA MONITORING USING MULTIPLE TYPES OF SIGNATURES**

[54] **SURVEILLANCE DES MEDIAS AU MOYEN DE PLUSIEURS TYPES DE SIGNATURES**

[72] MCMILLAN, FRANCIS G., US

[71] THE NIELSEN COMPANY (US), LLC, US

[22] 2013-03-25

[41] 2013-09-26

[30] US (13/430,342) 2012-03-26

[21] **2,811,128**  
[13] A1

[51] **Int.Cl. F16B 13/10 (2006.01) B60R 13/00 (2006.01) F16B 2/00 (2006.01)**

[25] EN

[54] **ATTACHMENT SYSTEM AND METHOD OF USING THE SAME**

[54] **SYSTEME DE FIXATION ET METHODE D'UTILISATION DE CELUI-CI**

[72] PELLERIN, MICHAEL, CA

[72] BRUNET, MAXIME, CA

[72] PROVENCHER, GUILLAUME, CA

[71] SOUCY INTERNATIONAL INC., CA

[22] 2013-03-28

[41] 2013-09-28

[30] US (61/616,449) 2012-03-28

[21] **2,819,721**  
[13] A1

[51] **Int.Cl. F02D 21/06 (2006.01) F02D 19/02 (2006.01) F02D 28/00 (2006.01)**

[25] EN

[54] **ENGINE CONTROL APPARATUS**

[54] **APPAREIL DE COMMANDE DE MOTEUR**

[72] BOUVIER, MATHIEU P., CA

[72] DUAN, JUSTIN, CA

[72] FEI, WEI, CA

[72] KANAFANI, FADI, CA

[71] WESTPORT POWER INC., CA

[22] 2013-06-27

[41] 2013-09-27

[21] **2,820,441**  
[13] A1

[51] **Int.Cl. H04B 1/18 (2006.01) H03F 3/45 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REDUCING CHARGE AND DISCHARGE TIME OF CAPACITIVE ELEMENTS**

[54] **PROCEDE ET APPAREIL POUR REDUIRE LE TEMPS DE CHARGE ET DE DECHARGE D'UN ELEMENT CAPACITIF**

[72] GREENE, MATTHEW RUSSELL, US

[72] OAKES, JAMES, US

[72] BLIN, GUILLAUME ALEXANDRE, US

[71] RESEARCH IN MOTION RF, INC., US

[22] 2013-06-19

[41] 2013-09-27

[30] US (61/831,575) 2013-06-05

[21] **2,820,968**  
[13] A1

[51] **Int.Cl. F21L 4/08 (2006.01) F21L 13/00 (2006.01) F21L 14/04 (2006.01) F21S 6/00 (2006.01) F21S 9/04 (2006.01) F21V 21/22 (2006.01)**

[25] EN

[54] **LIGHT TOWER AND METHOD**

[54] **COLONNE LUMINEUSE ET PROCEDE**

[72] DREVER, PAUL R., CA

[71] DREVER, PAUL R., CA

[22] 2013-07-16

[41] 2013-09-27

[21] **2,821,073**  
[13] A1

[51] **Int.Cl. F16M 5/00 (2006.01) B66C 23/78 (2006.01) E02D 27/44 (2006.01) E02D 31/08 (2006.01) F16F 15/04 (2006.01)**

[25] EN

[54] **STABILIZER PAD AND HANDLE APPARATUS**

[54] **PATIN STABILISATEUR ET POIGNEE**

[72] KOBERG, RICHARD, US

[71] RICHARD AND CAROLYN KOBERG LIVING TRUST, US

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[41] 2013-09-26

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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **LOW POWER WIRELESS NETWORK FOR LOGISTICS AND TRANSPORTATION APPLICATIONS**  
[54] **RESEAU SANS FIL BASSE PUISSANCE POUR APPLICATIONS DE LOGISTIQUE ET DE TRANSPORT**  
[72] BERENBERG, PAUL, US  
[71] CUBIC CORPORATION, US  
[85] 2013-03-18  
[86] 2011-04-29 (PCT/US2011/034436)  
[87] (WO2012/148407)  
[30] US (13/096,127) 2011-04-28

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[13] A1  
[51] **Int.Cl. H04W 72/12 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE**  
[54] **PROCEDE ET DISPOSITIF POUR EVITER UN BROUILLAGE DE COEXISTENCE DANS UN DISPOSITIF**  
[72] KOO, CHANGHOI, US  
[72] LI, JUN, US  
[72] CAI, ZHIJUN, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2013-03-28  
[86] 2010-10-01 (PCT/US2010/051183)  
[87] (WO2012/044327)

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[13] A1  
[51] **Int.Cl. A41D 1/20 (2006.01)**  
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[54] **NURSING GARMENT**  
[54] **VETEMENT D'ALLAITEMENT**  
[72] HUNTLEY, ANITA, CA  
[71] PEEPBOO LIMITED, CA  
[85] 2013-04-04  
[86] 2011-11-16 (PCT/CA2011/001270)  
[87] (WO2012/092655)  
[30] US (61/416,660) 2010-11-23

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[13] A1  
[51] **Int.Cl. B32B 33/00 (2006.01) B64C 1/40 (2006.01) C09K 21/00 (2006.01) F16L 59/10 (2006.01)**  
[25] EN  
[54] **FIRE BARRIER LAYER AND FIRE BARRIER FILM LAMINATE**  
[54] **SENT TO TRANS**  
[72] CONTZEN, BERNARD ROGER, BE  
[72] JUNG, GENE, US  
[72] SHANK, GARY, US  
[72] RIOUX, ROBERT C., US  
[72] MILLER, KENNETH B., US  
[72] FARIA, PHILLIP, US  
[71] UNIFRAX I LLC, US  
[71] LAMART CORPORATION, US  
[71] CONTZEN, BERNARD ROGER, BE  
[71] JUNG, GENE, US  
[71] SHANK, GARY, US  
[71] RIOUX, ROBERT C., US  
[71] MILLER, KENNETH B., US  
[71] FARIA, PHILLIP, US  
[85] 2013-05-02  
[86] 2013-03-13 (PCT/US2013/031099)  
[87] (2814257)  
[30] US (61/616,323) 2012-03-27

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[13] A1  
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/44 (2006.01) A61K 31/506 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 487/04 (2006.01)**  
[25] EN  
[54] **PYRROLIDINE DERIVATIVES USED AS CATHEPSIN INHIBITORS**  
[54] **DERIVES DE PYRROLIDINE UTILISES EN TANT QU'INHIBITEUR DE CATHEPSINE**  
[72] BANNER, DAVID, CH  
[72] GREYER, UWE, DE  
[72] HAAP, WOLFGANG, DE  
[72] KUEHNE, HOLGER, DE  
[72] MAUSER, HARALD, CH  
[72] PLANCHER, JEAN-MARC, FR  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-04-23  
[86] 2011-11-02 (PCT/EP2011/069219)  
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[13] A1  
[51] **Int.Cl. F03B 13/00 (2006.01) E02B 9/08 (2006.01) F03B 13/12 (2006.01)**  
[25] EN  
[54] **WAVE AND WATER ENERGY CONVERTER MOUNTED ON BRIDGE SUPPORTS**  
[54] **HOULOMOTRICE INSTALLEE SUR DES SUPPORTS DE PONT**  
[72] SWAMIDASS, PAUL, US  
[71] SWAMIDASS, PAUL, US  
[85] 2013-06-11  
[86] 2013-03-14 (PCT/US2013/031334)  
[87] (2821213)  
[30] US (13/429,375) 2012-03-24

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[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/023 (2006.01) G06F 3/041 (2006.01) H03M 11/02 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**

[54] **DISPOSITIF ELECTRONIQUE PORTATIF ET PROCEDE DE COMMANDE DUDIT DISPOSITIF**

[72] PASQUERO, JEROME, CA  
[72] FYKE, STEVEN HENRY, CA  
[72] WALKER, DAVID RYAN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2013-06-21  
[86] 2012-05-11 (PCT/CA2012/050310)  
[87] (2821674)

[21] **2,823,509**  
[13] A1

[51] **Int.Cl. H04N 21/236 (2011.01) H04L 12/951 (2013.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SUPPORTING VARIABLE LENGTH OF TRANSPORT PACKET IN VIDEO AND AUDIO COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDE PERMETTANT DE PRENDRE EN CHARGE UNE LONGUEUR VARIABLE D'UN PAQUET DE TRANSPORT DANS UN SYSTEME DE COMMUNICATION AUDIO ET VIDEO**

[72] HWANG, SUNG-HEE, KR  
[72] LEE, HAK-JU, KR  
[72] MYUNG, SE-HO, KR  
[72] JEONG, JIN-HEE, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2013-06-28  
[86] 2012-01-04 (PCT/KR2012/000074)  
[87] (WO2012/093846)  
[30] KR (10-2011-0000373) 2011-01-04

[21] **2,823,562**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/31 (2013.01) G06F 21/62 (2013.01)**

[25] EN

[54] **IDENTITY VERIFICATION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE VERIFICATION D'IDENTITE**

[72] OBREGON, LUIS, US  
[72] MAHENDRAKAR, ALKA, US  
[72] CHEN, KEHANG, US  
[71] TRANSUNION LLC, US  
[85] 2013-06-28  
[86] 2011-12-29 (PCT/US2011/067961)  
[87] (WO2012/092517)  
[30] US (61/428,774) 2010-12-30

[21] **2,825,914**  
[13] A1

[51] **Int.Cl. A61L 15/20 (2006.01) A61L 15/34 (2006.01) A61L 15/48 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLE WITH LOTION**

[54] **ARTICLE ABSORBANT A LOTION**

[72] PAN, ROBERT YA-LIN, US  
[72] EBERT, DEBORA CHRISTINE, US  
[72] ELLINGSON, PETER CHRISTOPHER, US  
[72] WARREN, RAPHAEL, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2013-04-08  
[86] 2011-10-05 (PCT/US2011/054912)  
[87] (WO2012/047990)  
[30] US (61/391,254) 2010-10-08

[21] **2,826,132**  
[13] A1

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 43/90 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND GLYPHOSATE**

[54] **COMPOSITION HERBICIDE SYNERGIQUE CONTENANT DU PENOXSULAME ET DU GLYPHOSATE**

[72] MANN, RICHARD K., US  
[72] MCVEIGH-NELSON, ANDREA CHRISTINE, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2013-07-30  
[86] 2012-02-03 (PCT/US2012/023707)  
[87] (WO2012/106566)  
[30] US (61/439,478) 2011-02-04

[21] **2,826,784**  
[13] A1

[51] **Int.Cl. H05H 1/34 (2006.01)**

[25] EN

[54] **HIGH CURRENT ELECTRODE FOR A PLASMA ARC TORCH**

[54] **ELECTRODE A COURANT ELEVE POUR CHALUMEAU A ARC DE PLASMA**

[72] HUSSARY, NAKHLEH, US  
[72] CONWAY, CHRISTOPHER J., US  
[72] MACKENZIE, DARRIN, US  
[71] THERMAL DYNAMICS CORPORATION, US  
[85] 2013-08-07  
[86] 2012-02-28 (PCT/US2012/026969)  
[87] (WO2012/118826)  
[30] US (61/447,560) 2011-02-28

[21] **2,826,788**  
[13] A1

[51] **Int.Cl. H05H 1/34 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A HIGH CURRENT ELECTRODE FOR A PLASMA ARC TORCH**

[54] **PROCEDE DE FABRICATION D'ELECTRODE A COURANT ELEVE POUR CHALUMEAU A ARC DE PLASMA**

[72] HUSSARY, NAKHLEH, US  
[72] CONWAY, CHRISTOPHER J., US  
[71] THERMAL DYNAMICS CORPORATION, US  
[85] 2013-08-07  
[86] 2012-02-28 (PCT/US2012/026975)  
[87] (WO2012/118832)  
[30] US (61/447,560) 2011-02-28

[21] **2,826,791**  
[13] A1

[51] **Int.Cl. H05H 1/28 (2006.01)**

[25] EN

[54] **PLASMA CUTTING TIP WITH ADVANCED COOLING PASSAGEWAYS**

[54] **POINTE DE DECOUPE AU PLASMA A PASSAGES DE REFROIDISSEMENT AVANCES**

[72] HUSSARY, NAKHLEH, US  
[72] CONWAY, CHRISTOPHER J., US  
[72] BARNETT, DANIEL WAYNE, US  
[71] THERMAL DYNAMICS CORPORATION, US  
[85] 2013-08-07  
[86] 2012-02-28 (PCT/US2012/026978)  
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[30] US (61/447,560) 2011-02-28



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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR LOADING DATA INTO A TEMPORAL DATA WAREHOUSE**  
[54] **PROCEDES ET SYSTEMES POUR CHARGER DES DONNEES DANS UN ENTREPOT DE DONNEES TEMPORELLES**  
[72] WILLSON, IAN ALEXANDER, US  
[71] THE BOEING COMPANY, US  
[85] 2013-08-07  
[86] 2012-03-02 (PCT/US2012/027417)  
[87] (WO2012/138437)  
[30] US (13/082,829) 2011-04-08

[21] **2,826,811**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **APEX1 AS MARKER FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
[54] **APEX1 EN TANT QUE MARQUEUR DE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (COPD)**  
[72] HAGMANN, MARIE-LUISE, DE  
[72] KARL, JOHANN, DE  
[72] RIEDLINGER, JULIA, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-08  
[86] 2012-03-07 (PCT/EP2012/053839)  
[87] (WO2012/123294)  
[30] EP (11157922.3) 2011-03-11

[21] **2,826,812**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **FEN1 AS MARKER FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
[54] **FEN1 EN TANT QUE MARQUEUR POUR UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (COPD)**  
[72] KARL, JOHANN, DE  
[72] RIEDLINGER, JULIA, DE  
[72] WILD, NORBERT, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-08  
[86] 2012-03-07 (PCT/EP2012/053841)  
[87] (WO2012/123295)  
[30] EP (11157921.5) 2011-03-11

[21] **2,826,815**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **ARMET AS MARKER FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
[54] **ARMET EN TANT QUE MARQUEUR POUR UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (COPD)**  
[72] KARL, JOHANN, DE  
[72] RIEDLINGER, JULIA, DE  
[72] ROESSLER, MARKUS, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-08  
[86] 2012-03-07 (PCT/EP2012/053843)  
[87] (WO2012/123296)  
[30] EP (11157918.1) 2011-03-11

[21] **2,826,818**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **NNMT AS MARKER FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
[54] **NNMT EN TANT QUE MARQUEUR POUR UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (COPD)**  
[72] KARL, JOHANN, DE  
[72] RIEDLINGER, JULIA, DE  
[72] ROLLINGER, WOLFGANG, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-08  
[86] 2012-03-07 (PCT/EP2012/053844)  
[87] (WO2012/123297)  
[30] EP (11157919.9) 2011-03-11

[21] **2,826,820**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **ASC AS MARKER FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
[54] **ASC EN TANT QUE MARQUEUR POUR LA MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (COPD)**  
[72] ANDRES, HERBERT, DE  
[72] KARL, JOHANN, DE  
[72] RIEDLINGER, JULIA, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-08  
[86] 2012-03-07 (PCT/EP2012/053847)  
[87] (WO2012/123299)  
[30] EP (11157917.3) 2011-03-11

[21] **2,826,835**  
[13] A1

[51] **Int.Cl. A61N 1/00 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR NON-INVASIVE CAPACITIVE ELECTRICAL STIMULATION AND THEIR USE FOR VAGUS NERVE STIMULATION ON THE NECK OF A PATIENT**  
[54] **DISPOSITIFS ET PROCEDES DE STIMULATION ELECTRIQUE CAPACITIVE NON INVASIVE ET LEUR UTILISATION POUR STIMULER LE NERF VAGUE SUR LA NUQUE D'UN PATIENT**  
[72] ERRICO, JOSEPH P., US  
[72] SIMON, BRUCE, US  
[72] RAFFLE, JOHN T., US  
[71] ELECTROCORE LLC, US  
[85] 2013-08-08  
[86] 2011-08-31 (PCT/US2011/049844)  
[87] (WO2012/121750)  
[30] US (61/451,259) 2011-03-10  
[30] US (13/075,746) 2011-03-30  
[30] US (61/488,208) 2011-05-20  
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[13] A1

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[25] EN  
[54] **APPARATUS AND SYSTEM FOR DIRECTING EXHAUST GAS FLOW**  
[54] **APPAREIL ET SYSTEME PERMETTANT DE DIRIGER L'ECOULEMENT DE GAZ D'ECHAPPEMENT**  
[72] TIWARI, SHISHIR, IN  
[72] PLUMMER, JESSICA LYNN, US  
[72] KIRAN, SHASHI, US  
[72] HOFER, DOUGLAS C., US  
[72] KULKARNI, SHRIDHAR SHRIKANT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2013-08-08  
[86] 2011-11-09 (PCT/US2011/059912)  
[87] (WO2012/112200)  
[30] US (13/026,866) 2011-02-14

[21] **2,826,849**  
[13] A1

[51] **Int.Cl. H01Q 1/50 (2006.01) H01T 4/04 (2006.01) H01T 4/08 (2006.01)**  
[25] EN  
[54] **OVERVOLTAGE PROTECTION SYSTEM FOR WIRELESS COMMUNICATION SYSTEMS**  
[54] **SYSTEME DE PROTECTION CONTRE LES SURTENSIONS POUR SYSTEMES DE COMMUNICATIONS SANS FIL**  
[72] MILLER, DOUGLAS WAYNE, US  
[72] SAMARAS, KONSTANTINOS, GR  
[72] RICHARDS, KELLY RAE, US  
[72] FRAGKOS, ANASTASIOS, GR  
[72] SULLIVAN, DANIEL JOSEPH, US  
[72] MARATHIAS, MEGAKLIS, GR  
[71] RAYCAP, S.A., GR  
[85] 2013-08-08  
[86] 2011-12-13 (PCT/US2011/064704)  
[87] (WO2012/108929)  
[30] US (61/440,609) 2011-02-08  
[30] US (13/301,720) 2011-11-21

[21] **2,826,852**  
[13] A1

[51] **Int.Cl. H01Q 1/50 (2006.01) H01T 4/04 (2006.01) H01T 4/08 (2006.01)**  
[25] EN  
[54] **MODULAR AND WEATHER RESISTANT OVERVOLTAGE PROTECTION SYSTEM FOR WIRELESS COMMUNICATION SYSTEMS**  
[54] **SYSTEME DE PROTECTION CONTRE LES SURTENSIONS MODULAIRE ET RESISTANT AUX INTEMPERIES POUR LES SYSTEMES DE COMMUNICATION SANS FIL**  
[72] MILLER, DOUGLAS WAYNE, US  
[72] SAMARAS, KONSTANTINOS, GR  
[72] RICHARDS, KELLY RAE, US  
[72] FRAGKOS, ANASTASIOS, GR  
[72] SULLIVAN, DANIEL JOSEPH, US  
[72] MARATHIAS, MEGAKLIS, GR  
[71] RAYCAP, S.A., GR  
[85] 2013-08-08  
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[25] EN  
[54] **GHRELIN MIMETIC POLYPEPTIDE HAPTEN IMMUNOCONJUGATES HAVING IMPROVED SOLUBILITY AND IMMUNOGENICITY AND METHODS OF USE THEREOF**  
[54] **IMMUNOCONJUGUES D'HAPTENE POLYPEPTIDIQUE MIMETIQUE DE GHRELIN AYANT UNE SOLUBILITE ET UNE IMMUNOGENICITE AMELIORES ET LEURS PROCEDES D'UTILISATION**  
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[72] MAYOROV, ALEXANDER V., US  
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[54] **NOISE AND VIBRATION MITIGATION SYSTEM FOR NUCLEAR REACTORS EMPLOYING AN ACOUSTIC SIDE BRANCH RESONATOR**  
[54] **SYSTEME D'ATTENUATION DU BRUIT ET DES VIBRATIONS POUR REACTEURS NUCLEAIRES, UTILISANT UN RESONATEUR ACOUSTIQUE EN DERIVATION**  
[72] LONGONI, GIANLUCA, US  
[72] MUNSI, YOUNUS, US  
[72] THEURET, ROBERT C., US  
[72] FORSYTH, DAVID R., US  
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US  
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[72] WINOKUR, ERIC S., US  
[72] SODINI, CHARLES G., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
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[71] DANIEL MEASUREMENT AND CONTROL, INC., US  
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[72] BARKER, DENNIS G., US  
[71] INGENIOUS DESIGNS, LLC., US  
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[54] **LOW ROW STEAM GENERATOR INSPECTION PROBE**  
[54] **SONDE D'INSPECTION DE GENERATEUR DE VAPEUR DE FAIBLE RANGEE**  
[72] DRAPER, JEFFREY BISHOP, US  
[72] WOLF, MATTHEW BARTON, US  
[72] TERHAAR, MICHAEL ALPHONSE, US  
[72] MAGGY, LANCE EDMUND, US  
[71] GENERAL ELECTRIC COMPANY, US  
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[54] **SONDE D'INSPECTION DE GENERATEUR DE VAPEUR DE RANGEE INFERIEURE**  
[72] DRAPER, JEFFREY BISHOP, US  
[72] MAGGY, LANCE EDMUND, US  
[71] GENERAL ELECTRIC COMPANY, US  
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[54] **SYSTEMS AND METHODS FOR TASK-BASED DECREASING PRICE MARKETS**  
[54] **SYSTEMES ET PROCEDES POUR DES MARCHES A PRIX DIMINUANT SUR LA BASE DE TACHES**  
[72] MCGUIRE, DANIEL OWEN, US  
[71] SKINNYPRICES, INC., US  
[85] 2013-08-08  
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[54] **PHOSPHORUS CONTAINING COMPOUNDS AS PROTEIN KINASE INHIBITORS**  
[54] **COMPOSES CONTENANT DU PHOSPHORE EN TANT QU'INHIBITEURS DE LA PROTEINE KINASE**  
[72] HU, BAIHUA, US  
[72] HE, KAN, US  
[72] ZHANG, MINSHENG, US  
[71] JIANGSU HANSOH PHARMACEUTICAL CO., LTD., CN  
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[54] **METHODES ET SYSTEMES DE TRAITEMENT DE PUIT**

[72] WEINSTEIN, JEREMY L., US

[72] WHEELER, RICHARD S., US

[71] BAKER HUGHES INCORPORATED, US

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[54] **BLADE OF LIGHT LUMINAIRE**

[54] **LUMINAIRE CREANT UNE LAME LUMINEUSE**

[72] FISHER, SIMON, US

[72] LING, OLIVER, US

[71] GE LIGHTING SOLUTIONS, LLC, US

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[86] 2012-02-07 (PCT/US2012/024077)

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[54] **METHOD OF BLOOD POOLING AND STORAGE**

[54] **PROCEDE DE RASSEMBLEMENT ET DE STOCKAGE DE SANG**

[72] SHAZ, BETH H., US

[72] HILLYER, CHRISTOPHER D., US

[71] NEW YORK BLOOD CENTER, INC., US

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[54] **BI-STABLE ELECTROMAGNETIC RELAY WITH X-DRIVE MOTOR**

[54] **RELAIS ELECTROMAGNETIQUE BISTABLE EQUIPE D'UN MOTEUR D'ENTRAINEMENT X**

[72] GRUNER, PHILIPP, US

[71] CLODI, L.L.C., US

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[54] **INNOVATIVE SOUND SYSTEM**

[54] **SYSTEME SONORE INNOVANT**

[72] ESSLINGER, HARTMUT, US

[72] CHEN, CHI-LIANG, TW

[71] ADD-ON TECHNOLOGY CO., LTD., TW

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[54] **TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE AND THROMBOSIS**

[54] **TRAITEMENT ET PREVENTION D'UNE MALADIE CARDIOVASCULAIRE ET D'UNE THROMBOSE**

[72] WANG, ZENENG, US

[72] HAZEN, STANLEY L., US

[71] THE CLEVELAND CLINIC FOUNDATION, US

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[51] **Int.Cl. C07D 241/08 (2006.01) B01J 31/02 (2006.01) C07C 229/00 (2006.01)**

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[54] **FORMATION OF N-PROTECTED BIS-3,6-(4-AMINOALKYL)-2,5-DIKETOPIPERAZINE**

[54] **FORMATION DE 3,6-BIS(4-AMINOALKYL)-2,5-DICETOPIPERAZINE N-PROTEGEE**

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[72] STAMPER, ADRIENNE, US

[72] HEITMANN, MELISSA, US

[71] MANNKIND, CORP, US

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[86] 2012-02-07 (PCT/US2012/024160)

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**

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[54] **PRESSURE-TEMPERATURE SWING ADSORPTION PROCESS**

[54] **PROCEDE D'ADSORPTION MODULEE EN PRESSION ET EN TEMPERATURE**

[72] KAMAKOTI, PREETI, US

[72] LETA, DANIEL P., US

[72] DECKMAN, HARRY W., US

[72] RAVIKOVITCH, PETER I., US

[72] ANDERSON, THOMAS N., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[54] **SELECTIVE SULFUR REMOVAL PROCESS**

[54] **PROCEDE D'ELIMINATION SELECTIVE DU SOUFRE**

[72] LETA, DANIEL P., US

[72] KAMAKOTI, PREETI, US

[72] JOHNSON, JACK W., US

[72] RAVIKOVITCH, PETER I., US

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[54] **METHOD FOR PROVIDING REAL-TIME MONITORING OF CONTACT TIP PERFORMANCE**

[54] **PROCEDE POUR ASSURER LA SURVEILLANCE EN TEMPS REEL DE LA PERFORMANCE D'UNE POINTE DE CONTACT**

[72] BELLAMY, DAVID A., CA

[72] MA, TIEJUN, CA

[72] RYAN, ROBERT D., CA

[71] ILLINOIS TOOL WORKS INC., US

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[72] JURANITCH, JAMES CHARLES, US

[72] JURANITCH, THOMAS R., US

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[54] **ELEMENT D'ECHANGE DE CHALEUR ET/OU D'HUMIDITE**

[72] KLINKENBURG, KAI, DE

[72] BRAUTIGAM, PETER, DE

[72] SCHULLER, ARTUR, DE

[72] BECKER, HANSJURGEN, DE

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[25] EN

[54] **METHOD AND DEVICE FOR STRETCHING A MEMBRANE AND METHOD FOR PRODUCING A MULTI-PANE ELEMENT**

[54] **PROCEDE ET DISPOSITIF SERVANT A TENDRE UNE MEMBRANE ET PROCEDE DE FABRICATION D'UN ELEMENT A PLUSIEURS VITRES**

[72] KRAMER, MARKUS, DE

[72] KALLEE, KLAUS, DE

[72] SCHICHT, HEINZ, DE

[72] RUSSELL, KURT, BE

[71] SOUTHWALL TECHNOLOGIES INC., US

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 33/04 (2006.01) A61P 15/02 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL PREPARATION CONTAINING SELENITE OR SELENITE-CONTAINING COMPOUNDS FOR THE TREATMENT OF CERVICAL DYSPLASIAS OR CARCINOMAS**

[54] **PREPARATION PHARMACEUTIQUE CONTENANT DE LA SELENITE OU DES COMPOSES A TENEUR EN SELENITE, POUR LE TRAITEMENT DES DYSPLASIES CERVICALES OU CARCINOMES CERVICAUX**

[72] FUCHS, NORBERT, AT

[71] SELO MEDICAL GMBH, AT

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[54] **APPARATUS AND METHOD FOR ERROR CONCEALMENT IN LOW-DELAY UNIFIED SPEECH AND AUDIO CODING (USAC)**  
[54] **DISPOSITIF ET PROCEDE DE MASQUAGE D'ERREURS DANS LE CODAGE DE LA PAROLE ET AUDIO UNIFIE (USAC) A FAIBLE RETARD**  
[72] LECOMTE, JEREMIE, DE  
[72] DIETZ, MARTIN, DE  
[72] SCHNABEL, MICHAEL, DE  
[72] SPERSCHNEIDER, RALPH, DE  
[71] TECHNISCHE UNIVERSITAT ILMENAU, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
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[72] STROBEL, SYLVIA, DE  
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[72] KRIMMER, HANS-PETER, DE  
[72] BRANDL, MONIKA, DE  
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[13] A1

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[25] EN  
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[54] **ENSEMBLE RIDELLE AMELIOREE**  
[72] ANNETTS, RICHARD, AU  
[71] FSP MINING COMPONENTS PTY LTD, AU  
[85] 2013-08-09  
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[30] AU (2011900430) 2011-02-10  
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[13] A1

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[54] **DRIVE SYSTEM FOR A LAND CRAFT**  
[54] **SYSTEME D'ENTRAINEMENT POUR BATEAU DE DEBARQUEMENT**  
[72] STEFFEN, JENS, DE  
[72] HAGENLOCHER, ROLAND, DE  
[72] EHRHART, PETER, DE  
[72] TAMM, HARALD, DE  
[71] L-3 COMMUNICATIONS MAGNET-MOTOR GMBH, DE  
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[30] EP (11159382.8) 2011-03-23

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[13] A1

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[25] EN  
[54] **NOVEL 1-(1-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-7-YL)UREA DERIVATIVES AS N-FORMYL PEPTIDE RECEPTOR LIKE-1 (FPRL-1) RECEPTOR MODULATORS**  
[54] **NOUVEAUX DERIVES DE 1-(1-OXO-1,2,3,4-TETRAHYDROISOQUINOLIN-7-YL)UREE EN TANT QUE MODULATEURS DU RECEPTEUR DE TYPE 1 DE N-FORMYL PEPTIDE (FPRL-1)**  
[72] BEARD, RICHARD L., US  
[72] DONELLO, JOHN E., US  
[72] GARST, MICHAEL E., US  
[72] VISWANATH, VEENA, US  
[72] DUONG, TIEN T., US  
[71] ALLERGAN, INC., US  
[85] 2013-08-09  
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[13] A1

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[25] EN  
[54] **WILD-TYPE APOLIPOPROTEIN L-I FOR USE IN THE PREVENTION OF KIDNEY DISEASES**  
[54] **APOLIPOPROTEINE L-1 DE TYPE SAUVAGE DANS LA PREVENTION DES MALADIES RENALES**  
[72] PAYS, ETIENNE, BE  
[71] UNIVERSITE LIBRE DE BRUXELLES, BE  
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[25] EN  
[54] **CH2 DOMAIN TEMPLATE MOLECULES DERIVED FROM RATIONAL GRAFTING OF DONOR LOOPS ONTO CH2 SCAFFOLDS**  
[54] **MOLECULES DE MATRICE A DOMAINE CH2 ISSUES DE LA GREFFE RATIONNELLE DE BOUCLES DE DONNEUR SUR DES ECHAFAUDAGES CH2**  
[72] BRAMHILL, DAVID, US  
[72] RAGHUNATHAN, GOPALAN, US  
[71] RESEARCH CORPORATION TECHNOLOGIES, INC., US  
[85] 2013-08-09  
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[87] (WO2012/109553)  
[30] US (61/441,967) 2011-02-11

[21] **2,827,008**  
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[25] EN  
[54] **APPARATUS FOR PREPARING CARBONATED REFRIGERATED BEVERAGES**  
[54] **APPAREIL DE PREPARATION DE BOISSONS REFRIGEREES GAZEUSES**  
[72] GRAMPASSI, ENRICO, IT  
[71] S.P.M. DRINK SYSTEMS S.P.A., IT  
[85] 2013-08-09  
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[30] IT (BO2011A000133) 2011-03-18

[21] **2,827,009**  
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[51] **Int.Cl. G01M 13/02 (2006.01)**  
[25] EN  
[54] **WEAR-MONITORING OF A GEARBOX IN A POWER STATION**  
[54] **CONTROLE DE L'USURE D'UNE BOITE DE VITESSES DANS UNE CENTRALE ELECTRIQUE**  
[72] PETERSSON, BO, GB  
[71] HEXAGON TECHNOLOGY CENTER GMBH, CH  
[85] 2013-08-09  
[86] 2012-03-09 (PCT/EP2012/054095)  
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[30] EP (11157943.9) 2011-03-11

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[13] A1

[51] **Int.Cl. G06Q 50/18 (2012.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROVIDING A PRACTICE AREA OPTION**  
[54] **SYSTEMES ET PROCEDES POUR LA MISE A DISPOSITION D'UNE OPTION DE ZONE DE PROCEDURE**  
[72] WILLETTE, SCOTT, US  
[72] HARPER, JEFFERY, US  
[72] CALAVRITINOS, JENNIE, US  
[72] MUNGAL, AUDREY, US  
[72] ANDERSON, CHRISTOPHER, US  
[72] HOMSHER, MICHAEL, US  
[72] YAHNKER, MARGARET, US  
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US  
[85] 2013-08-09  
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[21] **2,827,011**  
[13] A1

[51] **Int.Cl. E21B 43/243 (2006.01) E21B 43/295 (2006.01)**  
[25] EN  
[54] **IGNITING AN UNDERGROUND COAL SEAM IN AN UNDERGROUND COAL GASIFICATION PROCESS, UCG**  
[54] **ALLUMAGE D'UNE VEINE DE CHARBON SOUTERRAINE DANS UN PROCESSUS DE GAZEIFICATION DE CHARBON SOUTERRAIN (UCG)**  
[72] SHAIKH, FAZAL UDDIN, AU  
[72] BURGER, CASPER JAN HENDRIK, AU  
[72] PERKINS, GREG MARTIN PARRY, AU  
[71] LINC ENERGY LTD, AU  
[85] 2013-08-09  
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[54] **COGNITIVE RELEVANCE TARGETING IN A SOCIAL NETWORKING SYSTEM**  
[54] **CIBLAGE PAR PERTINENCE COGNITIVE DANS UN SYSTEME DE RESEAUTAGE SOCIAL**  
[72] BADROS, GREGORY, JOSEPH, US  
[72] RAINA, RAJAT, US  
[72] GE, HONG, US  
[72] ZHOU, DING, US  
[72] SENARATNA, NUWAN, US  
[72] ALEXANDRESCU, TUDOR, ANDREI, US  
[71] FACEBOOK, INC., US  
[85] 2013-08-08  
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[25] FR

[54] **DRIVESHAFT FOR THE GEARBOX OF AUXILIARY MACHINES OF A TURBOJET ENGINE**

[54] **ARBRE D'ENTRAINEMENT DE BOITIER A ENGRENAGES DE MACHINES AUXILIAIRES D'UN TURBOREACTEUR**

[72] BRAULT, MICHEL GILBERT ROLAND, FR

[72] SERVANT, REGIS EUGENE HENRI, FR

[71] SNECMA, FR

[85] 2013-08-09

[86] 2012-02-17 (PCT/FR2012/050354)

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[13] A1

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[25] EN

[54] **HYBRID MOLECULE HAVING MIXED RETINOIC ACID RECEPTOR AGONISM AND HISTONE DEACETYLASE INHIBITORY PROPERTIES**

[54] **MOLECULE HYBRIDE A LA FOIS AGONISTE DU RECEPTEUR DE L'ACIDE RETINOIQUE ET INHIBITRICE DE L'HISTONE DESACETYLASE**

[72] GLEASON, JAMES, CA

[72] MADER, SYLVIE, CA

[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA

[71] UNIVERSITE DE MONTREAL, CA

[85] 2013-08-09

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[87] (WO2011/097712)

[30] US (61,303,545) 2010-02-11

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[13] A1

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[54] **B-TYPE PLEXIN ANTAGONISTS AND USES THEREOF**

[54] **ANTAGONISTES DE PLEXINE DE TYPE B ET UTILISATIONS DE CEUX-CI**

[72] OFFERMANN, STEFAN, DE

[72] SWIERCZ, JAKUB, DE

[72] WORZFELD, THOMAS, DE

[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE

[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE

[85] 2013-08-09

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[21] **2,827,022**  
[13] A1

[51] **Int.Cl. C12M 1/107 (2006.01) C12M 1/21 (2006.01)**

[25] EN

[54] **AN APPARATUS FOR PRODUCTION OF BIOGAS BY DIGESTION OF ORGANIC MATERIAL**

[54] **APPAREIL POUR LA PRODUCTION DE BIOGAZ PAR DIGESTION DE MATIERE ORGANIQUE**

[72] HOJSGAARD, SOREN JOHANNES, DK

[72] NIELSEN, BENTE ELISE, DK

[72] KOEFOED-HANSEN, PER, DK

[71] KRUGER A/S, DK

[85] 2013-08-09

[86] 2012-02-08 (PCT/EP2012/052128)

[87] (WO2012/107489)

[30] EP (11154168.6) 2011-02-11

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[13] A1

[51] **Int.Cl. B01D 11/04 (2006.01) C12P 17/10 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01)**

[25] EN

[54] **ORGANOSOLV PROCESS**

[54] **TRAITEMENT A BASE D'ORGANOSOLV**

[72] BERLIN, ALEX, CA

[72] BALAKSHIN, MIKHAIL Y., CA

[72] MA, RAYMOND, CA

[72] ORTIZ, DARWIN, CA

[72] MAXIMENKO GUTMAN, VERA, CA

[71] LIGNOL INNOVATIONS LTD., CA

[85] 2013-08-09

[86] 2011-02-15 (PCT/CA2011/000183)

[87] (WO2011/097720)

[30] US (61/304,755) 2010-02-15

[30] US (61/360,377) 2010-06-30

[21] **2,827,025**  
[13] A1

[51] **Int.Cl. A61M 29/02 (2006.01) A61M 25/088 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **APPARATUS AND METHODS TO CREATE AND MAINTAIN AN INTRA-ATRIAL PRESSURE RELIEF OPENING**

[54] **APPAREIL ET PROCEDES POUR CREER ET MAINTENIR UNE OUVERTURE D'EVACUATION DE PRESSION INTRA-AURICULAIRE**

[72] CELERMAJER, DAVID, AU

[72] MCNAMARA, EDWARD I., US

[72] SUTHERLAND, MICHAEL J., US

[72] SUGIMOTO, HIROATSU, US

[71] DC DEVICES, INC., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024680)

[87] (WO2012/109557)

[30] US (61/441,546) 2011-02-10

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[13] A1

[51] **Int.Cl. C07D 279/20 (2006.01) A61K 31/5415 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **PHENOTHIAZINE DIAMINIUM SALTS AND THEIR USE**

[54] **SELS DE DIAMINIUM DE PHENOTHIAZINE ET LEURS APPLICATIONS**

[72] CLUNAS, SCOTT, GB

[72] STOREY, JOHN MERVYN DAVID, GB

[72] SINCLAIR, JAMES PETER, GB

[72] BADDELEY, THOMAS CRAVEN, GB

[72] ISHAQ, AHTSHAM, GB

[72] SIMPSON, MICHAEL, GB

[72] WILLIAMSON, CRAIG, GB

[72] WOOD, BARRY ALAN, GB

[72] WISCHIK, CLAUDE MICHEL, GB

[72] HARRINGTON, CHARLES ROBERT, GB

[72] RICKARD, JANET ELIZABETH, GB

[72] HORSLEY, DAVID, GB

[72] LOH, YIN SZE, SG

[72] MARSHALL, COLIN, GB

[72] KHAN, KARRAR AHMAD, GB

[71] WISTA LABORATORIES LTD., SG

[85] 2013-08-09

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[87] (WO2012/107706)

[30] SG (201101060-0) 2011-02-11

[30] US (61/485,880) 2011-05-13

[21] **2,827,029**  
[13] A1

[51] **Int.Cl. A61K 38/06 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **PEPTIDE COMPOSITIONS AND METHODS FOR TREATING PATIENTS**

[54] **COMPOSITIONS PEPTIDIQUES ET PROCEDES DE TRAITEMENT DE PATIENTS**

[72] CHEN, YUQING E., US

[72] XUE, CHANGYONG, US

[72] ZHANG, JIFENG, US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024684)

[87] (WO2012/109561)

[30] US (61/441,748) 2011-02-11

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[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 1/00 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **DIAMINOPYRIMIDINE DERIVATIVES AND PROCESSES FOR THE PREPARATION THEREOF**

[54] **DERIVES DE DIAMINOPYRIMIDINE ET LEURS PROCEDES DE PREPARATION**

[72] LEE, HYUN-JOO, KR

[72] KIM, DONG-HOON, KR

[72] KIM, TAE-KYUN, KR

[72] YOON, YOUNG-AE, KR

[72] SIM, JAE-YOUNG, KR

[72] CHA, MYUNG-HUN, KR

[72] JUNG, EUN-JUNG, KR

[72] AHN, KYOUNG-KYU, KR

[72] LEE, TAI-AU, KR

[71] YUHAN CORPORATION, KR

[85] 2013-08-09

[86] 2012-02-24 (PCT/KR2012/001427)

[87] (WO2012/115480)

[30] KR (10-2011-0016981) 2011-02-25

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[13] A1

[51] **Int.Cl. A61K 38/20 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **LYOPHILIZED FORMULATIONS**

[54] **FORMULATIONS LYOPHILISEES**

[72] KRANZ, JAMES, US

[72] RINELLA, JOSEPH, US

[71] GLAXOSMITHKLINE LLC, US

[85] 2013-08-09

[86] 2012-02-09 (PCT/US2012/024452)

[87] (WO2012/109429)

[30] US (61/440,918) 2011-02-09

[21] **2,827,034**  
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR TISSUE TRANSFER**

[54] **DISPOSITIFS ET PROCEDES DE TRANSFERT DE TISSU**

[72] GURTNER, GEOFFREY C., US

[72] ROSENTHAL, MICHAEL H., US

[72] DOMECUS, BRIAN J., US

[72] GITTINGS, DARIN, US

[72] HONG, KINMAN, US

[71] TAUTONA GROUP RESEARCH AND DEVELOPMENT COMPANY, L.L.C., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024744)

[87] (WO2012/109603)

[30] US (61/442,060) 2011-02-11

[30] US (61/489,811) 2011-05-25

[30] US (61/510,967) 2011-07-22

[21] **2,827,036**  
[13] A1

[51] **Int.Cl. F03D 7/00 (2006.01) F03D 11/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE INCLUDING CONTROLLING YAW OR OTHER PARAMETERS**

[54] **SYSTEME ET PROCEDE POUR COMMANDER UNE TURBINE EOLIENNE, COMPRENANT LA COMMANDE DE PARAMETRES DE LACET OU AUTRES**

[72] BLACK, NATHANIEL, US

[72] HOLDER, MICHAEL, US

[71] XZERES CORP., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024757)

[87] (WO2012/109616)

[30] US (61/442,136) 2011-02-11

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[13] A1

[51] **Int.Cl. C07F 5/02 (2006.01) B01J 31/14 (2006.01) C07C 231/02 (2006.01)**

[25] EN

[54] **BORONIC ACID CATALYSTS AND METHODS OF USE THEREOF FOR ACTIVATION AND TRANSFORMATION OF CARBOXYLIC ACIDS**

[54] **CATALYSEURS A BASE D'ACIDE BORONIQUE ET PROCEDES D'UTILISATION ASSOCIES POUR L'ACTIVATION ET LA TRANSFORMATION D'ACIDES CARBOXYLIQUES**

[72] HALL, DENNIS, CA

[72] GERNIGON, NICOLAS, FR

[72] AL-ZOUBI, RAED, JO

[72] THORNTON, PAUL D., CA

[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[71] GREENCENTRE CANADA, CA

[85] 2013-08-09

[86] 2012-02-14 (PCT/CA2012/050083)

[87] (WO2012/109749)

[30] US (61/442,603) 2011-02-14

[21] **2,827,040**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **QUANTITATIVE, HIGHLY MULTIPLEXED DETECTION OF NUCLEIC ACIDS**

[54] **DETECTION QUANTITATIVE HAUTEMENT MULTIPLEXEE D'ACIDES NUCLEIQUES**

[72] SCABOO, KRIS, US

[72] MARTIN, PATRICK, US

[72] TAFT, BRAD, US

[71] NVS TECHNOLOGIES, INC., US

[85] 2013-08-09

[86] 2012-02-17 (PCT/US2012/025699)

[87] (WO2012/112925)

[30] US (61/463,580) 2011-02-18

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[13] A1

[51] **Int.Cl. A61B 5/055 (2006.01) G06T 19/00 (2011.01) A61B 6/00 (2006.01) A61B 8/00 (2006.01) A61N 1/00 (2006.01) A61N 2/00 (2006.01) A61N 5/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PLANNING A PATIENT-SPECIFIC CARDIAC PROCEDURE**

[54] **SYSTEME ET PROCEDE DE PLANIFICATION D'INTERVENTION CARDIAQUE SPECIFIQUE A UN PATIENT**

[72] TRAYANOVA, NATALIA, US

[72] HALPERIN, HENRY R., US

[72] AREVALO, HERMENEGILD, US

[72] CONSTANTINO, JASON, US

[71] THE JOHN HOPKINS UNIVERSITY, US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024759)

[87] (WO2012/109618)

[30] US (61/441,947) 2011-02-11

[21] **2,827,043**  
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01) A41D 13/015 (2006.01) A41D 31/00 (2006.01)**

[25] EN

[54] **ARTICLES OF APPAREL INCORPORATING CUSHIONING ELEMENTS AND METHODS OF MANUFACTURING THE ARTICLES OF APPAREL**

[54] **ARTICLES VESTIMENTAIRES INTEGRANT DES ELEMENTS DE REMBOURRAGE ET LEURS PROCEDES DE FABRICATION**

[72] TURNER, DAVID, US

[71] NIKE INTERNATIONAL LTD., US

[85] 2013-08-09

[86] 2012-02-22 (PCT/US2012/026180)

[87] (WO2012/116106)

[30] US (13/035,592) 2011-02-25

[21] **2,827,044**  
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01)**

[25] EN

[54] **MEDICAL TOOL WITH ELECTROMECHANICAL CONTROL AND FEEDBACK**

[54] **OUTIL MEDICAL A COMMANDE ET RETROACTION ELECTROMECHANIQUES**

[72] FRANKHOUSER, PAUL L., US

[72] MULVIHILL, MAUREEN L., US

[72] BAGWELL, ROGER B., US

[72] CLEMENT, RYAN S., US

[72] HERNANDEZ MESA, GABRIELA, US

[72] SHEEHAN, RYAN M., US

[72] PARK, BRIAN M., US

[71] ACTUATED MEDICAL, INC., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024762)

[87] (WO2012/109621)

[30] US (61/441,500) 2011-02-10

[30] US (61/441,677) 2011-02-11

[21] **2,827,045**  
[13] A1

[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/167 (2006.01) A61K 31/40 (2006.01) A61K 31/4704 (2006.01) A61K 31/538 (2006.01) A61K 31/57 (2006.01) A61K 31/58 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE**

[72] MALHOTRA, GEENA, IN

[72] PURANDARE, SHRINIVAS MADHUKAR, IN

[71] CIPLA LIMITED, IN

[85] 2013-08-09

[86] 2012-02-17 (PCT/GB2012/000171)

[87] (WO2012/110770)

[30] IN (446/MUM/2011) 2011-02-17

[30] IN (694/MUM/2011) 2011-03-11

[30] IN (953/MUM/2011) 2011-03-28

[30] IN (1535/MUM/2011) 2011-05-19

[30] IN (1534/MUM/2011) 2011-05-19

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[30] IN (1965/MUM/2011) 2011-07-07

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[25] EN

[54] **RAMAN SCATTERING NANOPROBES**

[54] **NANOSONDES DESTINEES A L'IMAGERIE PAR DIFFUSION RAMAN**

[72] MARTEL, RICHARD, CA  
[72] TANG, NATHALIE Y-WA, CA  
[72] RAYMOND, FRANCOIS, CA  
[72] CABANA, JANIE, CA  
[72] NADON, MARC-ANTOINE, CA  
[71] VALORISATION-RECHERCHE, LIMITED PARTNERSHIP, CA

[85] 2013-08-09  
[86] 2012-02-20 (PCT/CA2012/050099)  
[87] (WO2012/109761)  
[30] CA (2,731,892) 2011-02-18

[21] **2,827,048**  
[13] A1

[51] **Int.Cl. B65D 5/50 (2006.01) B65D 85/50 (2006.01)**

[25] FR

[54] **DISPOSITIF DE PRESENTATION DE BOUQUETS DE FLEURS OU DE PLANTES EN POTS**

[54] **DEVICE FOR DISPLAYING FLOWER BOUQUETS OR POTTED PLANTS**

[72] CHARRIN, PHILIPPE, FR  
[71] CHARRIN, PHILIPPE, FR

[85] 2013-08-09  
[86] 2012-03-09 (PCT/EP2012/054130)  
[87] (WO2012/120121)  
[30] LU (91796) 2011-03-09

[21] **2,827,049**  
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) C12N 15/113 (2010.01) A61K 9/00 (2006.01) A61K 9/113 (2006.01) A61K 47/02 (2006.01) A61K 47/06 (2006.01) A61K 47/26 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **DERMATOLOGICAL PHARMACEUTICAL COMPOSITION SUITABLE FOR OLIGONUCLEOTIDES**

[54] **COMPOSITION PHARMACEUTIQUE DERMATOLOGIQUE ADAPTEE AUX OLIGONUCLEOTIDES**

[72] SCHMIDTS, THOMAS, DE  
[72] GARN, HOLGER, DE  
[72] RUNKEL, FRANK, DE  
[71] STERNA BIOLOGICALS GMBH & CO. KG, DE

[85] 2013-08-09  
[86] 2011-02-11 (PCT/EP2011/000648)  
[87] (WO2011/098285)  
[30] DE (10 2010 007 562.0) 2010-02-10

[21] **2,827,050**  
[13] A1

[51] **Int.Cl. A23C 9/152 (2006.01) A23G 1/40 (2006.01) A23G 1/46 (2006.01) A23G 1/56 (2006.01) A23L 2/52 (2006.01)**

[25] EN

[54] **COCOA-BASED EXERCISE RECOVERY BEVERAGES**

[54] **BOISSONS DE RECUPERATION APRES L'EFFORT A BASE DE CACAO**

[72] MILICI, JOSEPH, US  
[72] PRESTON, AMY GRIEL, US  
[72] ARENTZ, HEATHER M., US  
[71] THE HERSHEY COMPANY, US

[85] 2013-08-09  
[86] 2011-02-18 (PCT/US2011/025468)  
[87] (WO2011/103454)  
[30] US (61/305,789) 2010-02-18  
[30] US (61/330,178) 2010-04-30

[21] **2,827,052**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 39/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **ANTI-ALPHA-V INTEGRIN ANTIBODY FOR THE TREATMENT OF PROSTATE CANCER**

[54] **ANTICORPS ANTI-ALPHA-V INTEGRINE POUR LE TRAITEMENT DU CANCER DE LA PROSTATE**

[72] HOFFMANN, AXEL, DE  
[72] LANNERT, HEINRICH, DE  
[72] BRISCHWEIN, KLAUS, DE  
[72] PIPP, FREDERIC CHRISTIAN, DE  
[72] REINDL, JUERGEN, DE  
[72] GROLL, KARIN, DE  
[72] ZUEHLSDORF, MICHAEL, DE  
[72] PFAFF, OTMAR, DE  
[72] RAAB, SABINE, DE  
[72] DAU, ULRIKE, DE  
[72] DESTENAVES, BENOIT, FR  
[71] MERCK PATENT GMBH, DE

[85] 2013-08-09  
[86] 2012-02-07 (PCT/EP2012/000548)  
[87] (WO2012/107211)  
[30] EP (11001135.0) 2011-02-11

[21] **2,827,053**  
[13] A1

[51] **Int.Cl. F25B 47/02 (2006.01) F25B 41/04 (2006.01)**

[25] EN

[54] **FLASH DEFROST SYSTEM**

[54] **SYSTEME DE DEGIVRAGE ECLAIR**

[72] DAVIES, THOMAS WILLIAM, GB  
[72] CAMPBELL, ROBIN, GB  
[71] FRIGESCO LIMITED, GB

[85] 2013-08-09  
[86] 2012-02-10 (PCT/GB2012/050293)  
[87] (WO2012/107773)  
[30] GB (1102485.8) 2011-02-11

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[13] A1

[51] **Int.Cl. F23J 13/08 (2006.01)**  
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[54] **CHIMNEY BLOCKING APPARATUS**  
[54] **APPAREIL D'OBSTRUCTION DE CHEMINEE**  
[72] WILD, SIMON CHRISTOPHER, GB  
[71] WILD, SIMON CHRISTOPHER, GB  
[85] 2013-08-09  
[86] 2012-02-13 (PCT/GB2012/050311)  
[87] (WO2012/110792)  
[30] GB (1102734.9) 2011-02-17

[21] **2,827,056**  
[13] A1

[51] **Int.Cl. C01B 39/00 (2006.01) A61K 33/00 (2006.01) A61P 9/06 (2006.01) B01J 19/18 (2006.01) B01J 39/10 (2006.01) C01B 39/06 (2006.01) C01B 39/46 (2006.01)**  
[25] EN  
[54] **MICROPOROUS ZIRCONIUM SILICATE FOR THE TREATMENT OF HYPERKALEMIA**  
[54] **SILICATE DE ZIRCONIUM MICROPOREUX POUR TRAITEMENT DE L'HYPERKALIEMIE**  
[72] KEYSER, DONALD JEFFREY, US  
[72] GUILLEM, ALVARO F., US  
[71] ZS PHARMA, INC, US  
[85] 2013-08-09  
[86] 2012-02-10 (PCT/US2012/024727)  
[87] (WO2012/109590)  
[30] US (61/441,893) 2011-02-11

[21] **2,827,057**  
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/416 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **CRYSTALLINE FORMS AND PROCESSES FOR THE PREPARATION OF CONDENSED AZACYCLES (CANNABINOID RECEPTOR MODULATORS)**  
[54] **FORMES CRISTALLINES ET PROCEDES DE PREPARATION D'AZACYCLES CONDENSES (MODULATEURS DES RECEPTEURS DES CANNABINOIDES)**  
[72] BLACKBURN, ANTHONY C., US  
[72] HAN, SANGDON, US  
[72] JONES, ROBERT M., US  
[72] MONTALBAN, ANTHONY GARRIDO, US  
[72] PAL, BIMAN B., US  
[72] RUETER, JAIMIE KARYN, US  
[71] ARENA PHARMACEUTICALS, INC., US  
[85] 2013-08-09  
[86] 2012-02-24 (PCT/US2012/026506)  
[87] (WO2012/116276)  
[30] US (61/446,732) 2011-02-25  
[30] US (61/448,542) 2011-03-02

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[13] A1

[51] **Int.Cl. C08F 297/04 (2006.01) C08L 25/06 (2006.01) C08L 53/02 (2006.01) C08L 101/00 (2006.01)**  
[25] EN  
[54] **HYDROGENATED BLOCK COPOLYMER AND COMPOSITION COMPRISING SAME**  
[54] **COPOLYMERE A BLOCS HYDROGENE ET COMPOSITION EN COMPORANT**  
[72] JOGO, YOSUKE, JP  
[72] SHACHI, KENJI, JP  
[72] MORIGUCHI, NOBUHIRO, JP  
[71] KURARAY CO., LTD., JP  
[85] 2013-08-09  
[86] 2012-02-14 (PCT/JP2012/053330)  
[87] (WO2012/111644)  
[30] JP (2011-028767) 2011-02-14

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[13] A1

[51] **Int.Cl. E21B 36/00 (2006.01) C09K 5/06 (2006.01) E21B 47/01 (2012.01)**  
[25] EN  
[54] **LOGGING SYSTEM AND METHODOLOGY**  
[54] **SYSTEME ET METHODOLOGIE DE DIAGNOSTIC**  
[72] HAMMAMI, AHMED, CA  
[72] YAKIMOSKI, TODD, CA  
[72] CRASTER, BERNADETTE, GB  
[72] PEARSON, JOHN RICHARD ANTHONY, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2013-08-09  
[86] 2011-02-03 (PCT/IB2011/050476)  
[87] (WO2011/110957)  
[30] US (12/721,375) 2010-03-10

[21] **2,827,061**  
[13] A1

[51] **Int.Cl. A61B 1/32 (2006.01)**  
[25] EN  
[54] **LAPAROSCOPIC RETRACTOR**  
[54] **ECARTEUR POUR LAPAROSCOPIE**  
[72] SHERWINTER, DANNY A., US  
[71] SHERWINTER, DANNY A., US  
[85] 2013-08-09  
[86] 2012-02-10 (PCT/US2012/024738)  
[87] (WO2012/109598)  
[30] US (61/457,249) 2011-02-10

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/167 (2006.01)**  
[25] EN  
[54] **STORAGE-STABLE FORMULATION OF PARACETAMOL IN AQUEOUS SOLUTION**  
[54] **FORMULATION DE PARACETAMOL EN SOLUTION AQUEUSE STABLE AU STOCKAGE**  
[72] AL DANDACHI ATASSI, KHALED, BE  
[71] NEOGEN N.V., BE  
[85] 2013-08-09  
[86] 2011-02-10 (PCT/EP2011/051971)  
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[13] A1

[51] **Int.Cl. C11C 3/04 (2006.01) C10L 1/02 (2006.01)**

[25] EN

[54] **IMPROVED PROCESS FOR THE PREPARATION OF FATTY ACID ALKYL ESTERS (BIODIESEL) FROM TRIGLYCERIDE OILS USING ECO-FRIENDLY SOLID BASE CATALYSTS**

[54] **PROCEDE AMELIORE POUR LA PRODUCTION D'ESTERS ALKYLQUES D'ACIDE GRAS (BIOGAZOLE) A PARTIR D'HUILES TRIGLYCERIDIQUES AU MOYEN DE CATALYSEURS BASIQUES SOLIDES RESPECTUEUX DE L'ENVIRONNEMENT**

[72] SRINIVASAN, KANNAN, IN

[72] SANKARANARAYANAN, SIVASHUNMUGAM, IN

[72] ANTONYRAJ, CHURCHIL ANGEL, IN

[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN

[85] 2013-08-08

[86] 2012-02-10 (PCT/IN2012/000092)

[87] (WO2012/111023)

[30] IN (371/DEL/2011) 2011-02-14

[21] **2,827,065**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **HOT-ROLLED STEEL SHEET AND METHOD OF PRODUCING THE SAME**

[54] **FEUILLE D'ACIER LAMINEE A CHAUD ET SON PROCEDE DE FABRICATION**

[72] OKAMOTO, RIKI, JP

[72] FUJITA, NOBUHIRO, JP

[72] TAKAHASHI, MANABU, JP

[72] HAYASHI, KUNIO, JP

[72] KISHIMOTO, TETSUO, JP

[72] NAKANO, KAZUAKI, JP

[72] YAMAMOTO, TAKESHI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2013-08-09

[86] 2012-03-05 (PCT/JP2012/055586)

[87] (WO2012/121219)

[30] JP (2011-047720) 2011-03-04

[30] JP (2011-048231) 2011-03-04

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[13] A1

[51] **Int.Cl. C03C 1/00 (2006.01) C03C 17/00 (2006.01)**

[25] EN

[54] **HYBRID SOL-GEL COATED GLASS CONTAINERS**

[54] **RECIPIENTS EN VERRE REVETUS D'UN SOL-GEL HYBRIDE**

[72] CLICK, CAROL A., US

[72] SHARMA, PRAMOD K., US

[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

[85] 2013-08-09

[86] 2012-02-24 (PCT/US2012/026562)

[87] (WO2012/166221)

[30] US (13/034,407) 2011-02-24

[21] **2,827,067**  
[13] A1

[51] **Int.Cl. A61F 2/52 (2006.01)**

[25] EN

[54] **METHOD AND DEVICES FOR TISSUE EXPANSION**

[54] **PROCEDE ET DISPOSITIFS D'EXPANSION DE TISSU**

[72] KHOURI, ROGER K., US

[72] RIGOTTI, GINO, IT

[72] BARONI, GUIDO, IT

[72] RIGOTTI, GINO, IT

[72] BARONI, GUIDO, IT

[71] KHOURI, ROGER K., US

[71] RIGOTTI, GINO, IT

[71] BARONI, GUIDO, IT

[85] 2013-08-09

[86] 2012-02-11 (PCT/US2012/024782)

[87] (WO2012/109637)

[30] IT (PD2011A000041) 2011-02-11

[30] US (61/453,271) 2011-03-16

[21] **2,827,069**  
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/519 (2006.01)**

[25] EN

[54] **SILDENAFIL-FREE BASE-CONTAINING FILM PREPARATION AND METHOD FOR PRODUCING SAME**

[54] **PREPARATION DE FILM CONTENANT UNE BASE SANS SILDENAFIL ET SON PROCEDE**

[72] JEON, HONG-RYEOL, KR

[72] LEE, BONG-SANG, KR

[72] PARK, SU-JUN, KR

[72] CHA, BONG-GEUN, KR

[72] KIM, JUN-KI, KR

[71] CTC BIO, INC., KR

[85] 2013-08-09

[86] 2012-02-13 (PCT/KR2012/001049)

[87] (WO2012/108738)

[30] KR (10-2011-0012516) 2011-02-11

[21] **2,827,071**  
[13] A1

[51] **Int.Cl. B29C 45/18 (2006.01)**

[25] EN

[54] **MOLD-TOOL SYSTEM INCLUDING ACTUATION SYSTEM**

[54] **SYSTEME D'OUTIL DE MOULAGE COMPRENANT UN SYSTEME D'ACTIONNEMENT**

[72] ESSER, BRIAN, US

[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA

[85] 2013-08-09

[86] 2012-03-09 (PCT/US2012/028387)

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[30] US (61/452,773) 2011-03-15

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 1/00 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **DIAMINOPYRIMIDINE DERIVATIVES AND PROCESSES FOR THE PREPARATION THEREOF**

[54] **DERIVES DE DIAMINOPYRIMIDINE ET LEURS PROCEDES DE PREPARATION**

[72] LEE, HYUN-JOO, KR  
[72] KIM, DONG-HOON, KR  
[72] KIM, TAE-KYUN, KR  
[72] YOON, YOUNG-AE, KR  
[72] SIM, JAE-YOUNG, KR  
[72] CHA, MYUNG-HUN, KR  
[72] JUNG, EUN-JUNG, KR  
[72] AHN, KYOUNG-KYU, KR  
[72] LEE, TAI-AU, KR  
[71] YUHAN CORPORATION, KR  
[85] 2013-08-09  
[86] 2012-02-24 (PCT/KR2012/001423)  
[87] (WO2012/115478)  
[30] KR (10-2011-0016981) 2011-02-25

[21] **2,827,073**  
[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01)**

[25] EN

[54] **VACUUM PANEL WITH BALANCED VACUUM AND PRESSURE RESPONSE**

[54] **PANNEAU SOUS VIDE DOTE D'UNE REPOSEE EQUILIBREE AU VIDE ET A LA PRESSION**

[72] MAST, LUKE A., US  
[72] PHILIP, BRADLEY S., US  
[72] KUMAR, PANKAJ, US  
[72] DOWNING, DAVID, US  
[71] AMCOR LIMITED, AU  
[85] 2013-08-09  
[86] 2012-02-14 (PCT/US2012/024999)  
[87] (WO2012/112507)  
[30] US (13/028,244) 2011-02-16

[21] **2,827,074**  
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**

[25] EN

[54] **OPTICAL CONNECTOR AND OPTICAL CONNECTOR DEVICE**

[54] **CONNECTEUR OPTIQUE ET DISPOSITIF DE CONNECTEUR OPTIQUE**

[72] KOREEDA, YUICHI, JP  
[72] YAMAUCHI, TAKAYOSHI, JP  
[72] HASHIGUCHI, OSAMU, JP  
[72] KATAGIYAMA, NAOKI, JP  
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP  
[85] 2013-08-09  
[86] 2012-01-05 (PCT/JP2012/050062)  
[87] (WO2012/120914)  
[30] JP (2011-048214) 2011-03-04

[21] **2,827,075**  
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **METHOD FOR DECIDING RESOURCE-SPECIFIC TRANSMISSION MODE IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR SAME**

[54] **PROCEDE POUR DECIDER D'UN MODE DE TRANSMISSION SPECIFIQUE A UNE RESSOURCE DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL POUR CELUI-CI**

[72] SEO, HANBYUL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2013-08-09  
[86] 2012-03-27 (PCT/KR2012/002211)  
[87] (WO2012/134140)  
[30] US (61/469,079) 2011-03-29  
[30] US (61/479,413) 2011-04-27

[21] **2,827,076**  
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01) A61K 49/16 (2006.01) A61K 51/10 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **ANTI-MUCIN ANTIBODIES FOR EARLY DETECTION AND TREATMENT OF PANCREATIC CANCER**

[54] **ANTICORPS ANTI-MUCINES PERMETTANT LA DETECTION PRECOCE ET LE TRAITEMENT DU CANCER DU PANCREAS**

[72] GOLD, DAVID V., US  
[72] GOLDENBERG, DAVID M., US  
[71] IMMUMOMEDICS, INC., US  
[85] 2013-08-09  
[86] 2012-02-13 (PCT/US2012/024860)  
[87] (WO2012/112443)  
[30] US (61/443,007) 2011-02-15

[21] **2,827,077**  
[13] A1

[51] **Int.Cl. F24C 3/08 (2006.01) F23D 14/02 (2006.01) F24C 3/12 (2006.01) F24C 15/00 (2006.01)**

[25] EN

[54] **GAS OVEN**

[54] **FOUR A GAZ**

[72] LEE, JAE DAL, KR  
[72] YANG, DAE BONG, KR  
[72] SEOK, JUN HO, KR  
[72] RYU, JUNG WAN, KR  
[72] KIM, YANG HO, KR  
[72] KIM, YOUNG SOO, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2013-08-09  
[86] 2011-02-11 (PCT/KR2011/000935)  
[87] (WO2012/108571)

[21] **2,827,078**  
[13] A1

[51] **Int.Cl. H04N 21/4627 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRANSFERRING DIGITAL CONTENT**

[54] **SYSTEME ET PROCEDE DE TRANSFERT DE CONTENUS NUMERIQUES**

[72] BROUDA, DAVID H., US  
[72] DEPIETRO, MARK G., US  
[71] MOTOROLA MOBILITY LLC, US  
[85] 2013-06-06  
[86] 2011-12-15 (PCT/US2011/065017)  
[87] (WO2012/087721)  
[30] US (12/974,959) 2010-12-21

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[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01)**  
[25] EN  
[54] **SHOULDER RIB TO DIRECT TOP LOAD FORCE**  
[54] **NERVURE D'EPAULEMENT PERMETTANT DE DIRIGER UNE FORCE DE CHARGE SUPERIEURE**  
[72] PHILIP, BRADLEY S., US  
[72] MAST, LUKE A., US  
[71] AMCOR LIMITED, AU  
[85] 2013-08-09  
[86] 2012-02-14 (PCT/US2012/025005)  
[87] (WO2012/112513)  
[30] US (13/028,251) 2011-02-16

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[21] **2,827,080**  
[13] A1

[51] **Int.Cl. A61K 39/29 (2006.01)**  
[25] EN  
[54] **NUCLEIC ACID MOLECULE ENCODING HEPATITIS B VIRUS CORE PROTEIN AND VACCINE COMPRISING THE SAME**  
[54] **MOLECULE D'ACIDE NUCLEIQUE CODANT LA PROTEINE CENTRALE DU VIRUS DE L'HEPATITE B ET VACCIN LA COMPRENANT**  
[72] WEINER, DAVID B., US  
[72] YAN, JIAN, US  
[72] OBENG-ADJEI, NYAMEKYE, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2013-08-09  
[86] 2012-02-13 (PCT/US2012/024905)  
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[30] US (61/442,162) 2011-02-11

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[21] **2,827,083**  
[13] A1

[51] **Int.Cl. F23R 3/06 (2006.01)**  
[25] FR  
[54] **ANNULAR COMBUSTION CHAMBER FOR A TURBINE ENGINE INCLUDING IMPROVED DILUTION OPENINGS**  
[54] **CHAMBRE ANNULAIRE DE COMBUSTION DE TURBOMACHINE COMPRENANT DES ORIFICES DE DILUTION AMELIORES**  
[72] LEBLOND, NICOLAS CHRISTIAN RAYMOND, FR  
[72] BUNEL, JACQUES MARCEL ARTHUR, FR  
[72] LAINS, DOMINIQUE MAURICE JACQUES, FR  
[71] SNECMA, FR  
[85] 2013-08-09  
[86] 2012-02-20 (PCT/FR2012/050355)  
[87] (WO2012/114030)  
[30] FR (1151561) 2011-02-25

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[13] A1

[51] **Int.Cl. A23D 9/00 (2006.01) C11B 1/10 (2006.01)**  
[25] EN  
[54] **KRILL OIL AND METHOD FOR MANUFACTURING THE SAME**  
[54] **PROCEDE POUR PRODUIRE DE L'HUILE DE KRILL, ET HUILE DE KRILL PRODUITE PAR LE PROCEDE**  
[72] LEE, SANG SU, KR  
[71] DAE DUCK FRD CO., LTD, KR  
[85] 2013-08-09  
[86] 2011-07-21 (PCT/KR2011/005386)  
[87] (WO2012/108593)  
[30] KR (10-2011-0012550) 2011-02-11

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[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**  
[25] EN  
[54] **REDUCED-PRESSURE DRESSINGS, SYSTEMS, AND METHODS WITH EVAPORATIVE DEVICES**  
[54] **PANSEMENTS A PRESSION REDUITE, SYSTEMES ET PROCEDES COMPRENANT DES DISPOSITIFS EVAPORATIFS**  
[72] COULTHARD, RICHARD DANIEL JOHN, GB  
[72] LOCKE, CHRISTOPHER BRIAN, GB  
[71] KCI LICENSING, INC., US  
[85] 2013-08-09  
[86] 2012-04-09 (PCT/US2012/032806)  
[87] (WO2013/022498)  
[30] US (13/084,813) 2011-04-12  
[30] US (61/529,735) 2011-08-31  
[30] US (61/529,722) 2011-08-31  
[30] US (61/529,751) 2011-08-31  
[30] US (61/529,709) 2011-08-31

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[21] **2,827,087**  
[13] A1

[51] **Int.Cl. B05B 1/14 (2006.01)**  
[25] EN  
[54] **BLOW NOZZLE TO CONTROL LIQUID FLOW WITH PRE-STRETCH ROD ASSEMBLY AND METAL SEAT SEAL PIN**  
[54] **BUSE DE SOUFFLETTE PERMETTANT DE REGULER UN ECOULEMENT LIQUIDE COMPORTANT UN ENSEMBLE DE TIGE DE PRE-ETIRAGE ET UNE GOUPILLE DE JOINT DE SIEGE**  
[72] LISCH, G. DAVID, US  
[72] MAKI, KIRK EDWARD, US  
[72] BEUERLE, FREDERICK C., US  
[71] AMCOR LIMITED, AU  
[85] 2013-08-09  
[86] 2012-02-14 (PCT/US2012/024954)  
[87] (WO2012/112477)  
[30] US (61/443,282) 2011-02-16  
[30] US (13/372,575) 2012-02-14

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[13] A1

[51] **Int.Cl. B05B 7/14 (2006.01) B05B 12/08 (2006.01) B05B 15/02 (2006.01) B65G 53/14 (2006.01) B65G 53/40 (2006.01)**

[25] EN

[54] **DEVICE FOR PNEUMATICALLY CONVEYING POWDER AND METHOD FOR CLEANING SUCH A DEVICE**

[54] **DISPOSITIF PERMETTANT DE TRANSPORTER PAR VOIE PNEUMATIQUE UNE POUDRE ET PROCEDE PERMETTANT DE NETTOYER UN TEL DISPOSITIF**

[72] MICHAEL, HANSPETER, CH  
[72] SANWALD, MARCO, CH  
[71] GEMA SWITZERLAND GMBH, CH  
[85] 2013-08-09  
[86] 2012-02-15 (PCT/US2012/025199)  
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[54] **PCSK9 ANTAGONISTS**

[54] **ANTAGONISTES DE PCSK9**

[72] GOLDSTEIN, JOSHUA, US  
[72] COHEN, STEVEN BRUCE, US  
[72] SCHUMACHER, ANDREW, US  
[72] YOWE, DAVID LANGDON, US  
[71] IRM LLC, BM  
[71] NOVARTIS AG, CH  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/US2012/024633)  
[87] (WO2012/109530)  
[30] US (61/442,126) 2011-02-11

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[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01)**

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[54] **LOCATION-AWARE SECURITY AND ACCESS SYSTEM**

[54] **SYSTEME DE SECURITE ET D'ACCES TENANT COMPTE DE LA LOCALISATION**

[72] HANNA, DAVID A., JR., US  
[71] DIGITAL AUTHENTICATION TECHNOLOGIES, INC., US  
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[86] 2011-02-26 (PCT/US2011/026393)  
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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 5/142 (2006.01)**

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[54] **APPARATUS AND METHODS FOR TREATING INTRACORPOREAL FLUID ACCUMULATION**

[54] **APPAREIL ET PROCEDES DE TRAITEMENT D'UNE ACCUMULATION DE FLUIDE INTRACORPOREL**

[72] DEGEN, THOMAS, CH  
[72] THOMMEN, DANIEL, CH  
[72] JOHNSON, NOEL L., US  
[71] SEQUANA MEDICAL AG, CH  
[85] 2013-08-09  
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[54] **INTERACTIVE INPUT SYSTEM AND TOOL TRAY THEREFOR**

[54] **SYSTEME DE SAISIE INTERACTIVE ET PATEAU A OUTIL ASSOCIE**

[72] HILL, DOUG, CA  
[72] TRENHOLM-BOYLE, MICHAEL, CA  
[72] TSE, EDWARD, CA  
[72] ROUNDING, MICHAEL, CA  
[71] SMART TECHNOLOGIES ULC, CA  
[85] 2013-08-12  
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[51] **Int.Cl. H04W 8/24 (2009.01)**

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[54] **SYSTEMS AND METHODS FOR EXTENDED/ENHANCED LOGICAL INTERFACE BEHAVIOR**

[54] **SYSTEMES ET PROCEDES POUR UN COMPORTEMENT ETENDU / ENRICHI D'INTERFACE LOGIQUE**

[72] PERRAS, MICHELLE, CA  
[71] INTERDIGITAL PATENT HOLDINGS, INC., US  
[85] 2013-08-09  
[86] 2012-02-07 (PCT/US2012/024180)  
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[54] **LUBRICANT CONTROL VALVE FOR A SCREW COMPRESSOR**

[54] **SOUPAPE DE COMMANDE DE LUBRIFIANT POUR UN COMPRESSEUR A VIS**

[72] HEGER, JOSEPH, US  
[72] MAYFIELD, ROBERT, US  
[71] TRANE INTERNATIONAL INC., US  
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[86] 2012-02-08 (PCT/US2012/024241)  
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[54] **APPARATUS AND METHOD FOR INDUCTIVELY POWERING AND NETWORKING A RAIL OF A FIREARM**

[54] **APPAREIL ET PROCEDURE POUR ACTIONNER DE MANIERE INDUCTIVE ET MAILLER DE MANIERE INDUCTIVE UN RAIL D'ARME A FEU**

[72] COMPTON, DAVID WALTER, CA  
[72] CROCKER, GARY EDWARD, CA  
[71] COLT CANADA CORPORATION, CA

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[86] 2012-02-14 (PCT/CA2012/050080)  
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[30] US (61/443,085) 2011-02-15  
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[54] **METHODS OF PROGNOSING AND ADMINISTERING TREATMENT FOR INFLAMMATORY DISORDERS**

[54] **PROCEDES DE PRONOSTIC ET D'ADMINISTRATION D'UN TRAITEMENT POUR DES TROUBLES INFLAMMATOIRES**

[72] MIRICH, JONATHAN, US  
[71] GENQUAL CORPORATION, US

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[54] **WELEDDED JOINT OF DUPLEX STAINLESS STEEL**

[54] **JOINT D'ACIER INOXYDABLE DUPLEX SOUDE**

[72] NAGAYAMA, HIROYUKI, JP  
[72] YAMADA, KENTA, JP  
[72] HAMADA, MASAHIKO, JP  
[72] MOTOYA, DAISUKE, JP  
[72] AMAYA, HISASHI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01)**

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[54] **METHOD FOR POSITIONING A HYDRAULIC ACCUMULATOR ON A WIND- POWERED ELECTRIC GENERATOR**

[54] **PROCEDE PERMETTANT DE POSITIONNER UN ACCUMULATEUR HYDRAULIQUE DANS UN MOYEU D'UN GENERATEUR D'ENERGIE ELECTRIQUE DU TYPE EOLIEN**

[72] LOHAN, MARTIN E., US  
[72] NALDER, JOSEPH W., US  
[71] INVENTUS HOLDINGS, LLC, US

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[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) C10L 3/00 (2006.01) F23G 5/027 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR WASTE COLLECTION, PROCESSING, AND OPTIMIZATION, BIOMASS FUEL GENERATION, AND GASIFICATION**

[54] **SYSTEMES ET PROCESSES POUR LA COLLECTE DES RESIDUS, LE TRAITEMENT ET L'OPTIMISATION, LA PRODUCTION D'UN COMBUSTIBLE DE BIOMASSE ET LA GAZEIFICATION**

[72] QUICK, PAUL, US  
[72] POND, GEORGE, US  
[71] DENVER ZOOLOGICAL FOUNDATION, INC., US

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[13] A1

[51] **Int.Cl. H01L 35/28 (2006.01)**

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[54] **THERMALLY DRIVEN POWER GENERATOR**

[54] **GENERATEUR DE COURANT A ENTRAINEMENT THERMIQUE**

[72] HAIDER, VIQAR, CA  
[72] TETTENBORN, MICHAEL, CA  
[72] SOLECKI, ANTHONY JERZY, CA  
[71] CAFRAMO LTD., CA

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[13] A1

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[54] **POROUS INORGANIC COMPOSITE OXIDE**  
[54] **OXYDE COMPOSITE INORGANIQUE POREUX**  
[72] LARCHER, OLIVIER, US  
[72] FRANCIS, FRANCIS, US  
[72] ENGLISH, THOMAS, US  
[72] INFRAH, SIMON, FR  
[72] POLLI, ANDREW, US  
[71] RHODIA OPERATIONS, FR  
[25] 2013-08-09  
[86] 2011-11-16 (PCT/US2011/001918)  
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[13] A1

[51] **Int.Cl. C11B 3/12 (2006.01) A23D 9/02 (2006.01) C11B 3/00 (2006.01)**  
[25] EN  
[54] **CARRIER FLUID COMPOSITION COMPRISING FATTY ACIDS ETHYL ESTERS AND PROCESS FOR REDUCING THE CONCENTRATION OF PERSISTENT ORGANIC POLLUTANTS IN FISH OIL**  
[54] **COMPOSITION DE FLUIDE PORTEUR COMPRENANT DES ESTERS ETHYLIQUES D'ACIDES GRAS ET PROCEDE POUR REDUIRE LA CONCENTRATION DE POLLUANTS ORGANIQUES PERSISTANTS DANS L'HUILE DE POISSON**  
[72] HARTING GLADE, THOMAS FRANCIS, CL  
[72] FUENZALIDA DIAZ, MIGUEL ANGEL, CL  
[72] MARKOVITS ROJAS, ALEJANDRO, CL  
[71] NATURALIS S.A., CL  
[85] 2013-08-08  
[86] 2012-10-09 (PCT/IB2012/055461)  
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[13] A1

[51] **Int.Cl. E21B 10/46 (2006.01) B01J 3/06 (2006.01) B24D 3/10 (2006.01) B24D 18/00 (2006.01)**  
[25] EN  
[54] **POLYCRYSTALLINE COMPACTS INCLUDING METALLIC ALLOY COMPOSITIONS IN INTERSTITIAL SPACES BETWEEN GRAINS OF HARD MATERIAL, CUTTING ELEMENTS AND EARTH-BORING TOOLS INCLUDING SUCH POLYCRYSTALLINE COMPACTS, AND RELATED METHODS**  
[54] **COMPACTS POLYCRISTALLINS COMPRENANT DES COMPOSITIONS D'ALLIAGE METALLIQUE DANS DES ESPACES INTERSTITIELS ENTRE DES GRAINS DE MATERIAU DUR, ELEMENTS DE COUPE ET OUTILS DE FORAGE COMPRENANT CES COMPACTS POLYCRISTALLINS, ET PROCEDES ASSOCIES**  
[72] DIGIOVANNI, ANTHONY A., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-09  
[86] 2012-02-15 (PCT/US2012/025254)  
[87] (WO2012/112684)  
[30] US (13/029,930) 2011-02-17

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[25] EN  
[54] **BUMPER MADE USING A RESISTIVE IMPLANT WELDING PROCESS**  
[54] **PARE-CHOCS A MARCHEPIED SOUDE PAR IMPLANT RESISTIF**  
[72] BIRKA, MARK P., US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/US2012/024650)  
[87] (WO2012/109541)  
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[13] A1

[51] **Int.Cl. E21B 43/18 (2006.01) E21B 43/16 (2006.01) E21B 43/28 (2006.01)**  
[25] EN  
[54] **SUBMERGED VOID FILLING**  
[54] **REMPLISSAGE DE VIDES IMMERMES**  
[72] MASLOFF, BRIAN, US  
[72] FODOR, JOHN, US  
[72] PALLADINO, RICHARD, US  
[71] CELLULAR CONCRETE SOLUTIONS LLC, US  
[85] 2013-08-09  
[86] 2012-02-10 (PCT/US2012/024592)  
[87] (WO2012/109511)  
[30] US (61/441,403) 2011-02-10

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[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **USING A SINGLE CERTIFICATE REQUEST TO GENERATE CREDENTIALS WITH MULTIPLE ECQV CERTIFICATES**  
[54] **UTILISATION D'UNE SEULE DEMANDE DE CERTIFICAT POUR GENERER DES IDENTIFIANTS AVEC UNE PLURALITE DE CERTIFICATS ECQV**  
[72] CAMPAGNA, MATTHEW J., CA  
[72] LAMBERT, ROBERT JOHN, CA  
[72] ALFRED, JAMES, CA  
[71] CERTICOM CORP., CA  
[85] 2013-08-09  
[86] 2011-02-11 (PCT/US2011/024505)  
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[25] EN

[54] **APPARATUS AND METHOD FOR CLASSIFYING ORIENTATION OF A BODY OF A MAMMAL**

[54] **APPAREIL ET METHODE DE CLASSIFICATION DE L'ORIENTATION DU CORPS D'UN MAMMIFERE**

[72] UMER, MUHAMMAD, AU  
[72] RONCHI, ANDREW JAMES, AU  
[72] RONCHI, DANIEL MATTHEW, AU  
[71] DORSAVI PTY. LTD., AU  
[85] 2013-08-12  
[86] 2012-02-09 (PCT/AU2012/000126)  
[87] (WO2012/106770)  
[30] AU (2011900438) 2011-02-10

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**

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[54] **COMPOSITIONS AND METHODS FOR DIAGNOSING OVARIAN CANCER**

[54] **COMPOSITIONS ET PROCEDES DE DIAGNOSTIC DU CANCER DE L'OVAIRE**

[72] ZHANG, ZHEN, US  
[72] CHAN, DANIEL W., US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2013-08-09  
[86] 2012-02-15 (PCT/US2012/025255)  
[87] (WO2012/112685)  
[30] US (61/443,053) 2011-02-15

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[13] A1

[51] **Int.Cl. E21B 10/43 (2006.01) E21B 10/55 (2006.01) E21B 10/58 (2006.01)**

[25] EN

[54] **CUTTING STRUCTURES FOR FIXED CUTTER DRILL BIT AND OTHER DOWNHOLE CUTTING TOOLS**

[54] **STRUCTURES DE COUPE POUR TREPAN A ELEMENTS DE COUPE FIXES ET AUTRES OUTILS DE COUPE DE FOND**

[72] AZAR, MICHAEL G., US  
[72] DURAIRAJAN, BALA, US  
[72] KESHAVAN, MADAPUSI, K., US  
[71] SMITH INTERNATIONAL, INC., US  
[85] 2013-08-09  
[86] 2012-02-10 (PCT/US2012/024609)  
[87] (WO2012/109518)  
[30] US (61/441,319) 2011-02-10  
[30] US (61/499,851) 2011-06-22

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[13] A1

[51] **Int.Cl. H01H 35/18 (2006.01) B65D 90/48 (2006.01) F04B 23/04 (2006.01) F04B 49/025 (2006.01) F04B 49/04 (2006.01) F04D 13/08 (2006.01) F04D 13/12 (2006.01) F04D 15/00 (2006.01) H01H 1/16 (2006.01) H01H 13/52 (2006.01)**

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[54] **MULTIPLE SWITCH FLOAT SWITCH APPARATUS**

[54] **INTERRUPTEUR A FLOTTEUR DE COMBINAISON**

[72] NOEL, RAYMOND ASCORD, CA  
[71] NOEL, RAYMOND ASCORD, CA  
[85] 2013-08-12  
[86] 2011-02-17 (PCT/CA2011/000178)  
[87] (WO2011/100825)  
[30] US (12/707,971) 2010-02-18

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/7088 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR DELIVERING NUCLEIC ACID TO A CELL**

[54] **COMPOSITIONS ET PROCEDES POUR DELIVRER UN ACIDE NUCLEIQUE A UNE CELLULE**

[72] HAYES, MARK E., US  
[72] KIRPOTIN, DMITRI B., US  
[71] MERRIMACK PHARMACEUTICALS, INC., US  
[85] 2013-08-09  
[86] 2012-02-15 (PCT/US2012/025324)  
[87] (WO2012/112730)  
[30] US (61/443,246) 2011-02-15

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[13] A1

[51] **Int.Cl. A61L 2/03 (2006.01) A61L 2/22 (2006.01)**

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[54] **ELECTROSTATIC DISINFECTANT TOOL**

[54] **OUTIL DESINFECTANT ELECTROSTATIQUE**

[72] MICHELI, PAUL R., US  
[72] MYERS, STEVEN ANDREW, US  
[72] ARMSTRONG, SUSAN, US  
[72] METZGER, GARY PHILLIP, US  
[72] HASSELSCHWERT, DANIEL J., US  
[72] GAJJAR, NEKHEEL S., US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/US2012/024679)  
[87] (WO2012/109556)  
[30] US (61/442,152) 2011-02-11  
[30] US (61/512,834) 2011-07-28  
[30] US (13/360,623) 2012-01-27

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[51] **Int.Cl. A61G 7/10 (2006.01) A47C 27/08 (2006.01) A61G 1/044 (2006.01) A61G 7/14 (2006.01)**

[25] EN

[54] **INFLATABLE SLING AND METHOD FOR POSITIONING A PATIENT**

[54] **HARNAIS GONFLABLE ET PROCEDE DE POSITIONNEMENT D'UN PATIENT**

[72] DAVIS, DAVID T., US

[71] WOODLARK CIRCLE, INC., US

[85] 2013-08-09

[86] 2012-02-16 (PCT/US2012/025440)

[87] (WO2012/112771)

[30] US (61/443,901) 2011-02-17

[30] US (13/398,102) 2012-02-16

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[13] A1

[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/84 (2006.01)**

[25] EN

[54] **SEGMENTAL ORTHOPEDIC DEVICE FOR SPINAL ELONGATION AND FOR TREATMENT OF SCOLIOSIS**

[54] **DISPOSITIF ORTHOPEDIQUE SEGMENTAIRE POUR L'ELONGATION SPINALE ET LE TRAITEMENT DE LA SCOLIOSE**

[72] BUTTERMANN, GLENN R., US

[71] BUTTERMANN, GLENN R., US

[85] 2013-08-12

[86] 2012-02-13 (PCT/US2012/024887)

[87] (WO2012/112453)

[30] US (13/028,161) 2011-02-15

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[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01)**

[25] EN

[54] **METHODS, SYSTEMS, AND MEDIA FOR DETERMINING CAROTID INTIMA-MEDIA THICKNESS**

[54] **PROCEDES, SYSTEMES ET SUPPORTS POUR DETERMINER L'EPAISSEUR INTIMA-MEDIA CAROTIDIENNE**

[72] LIANG, JIANMING, US

[72] ZHU, XIANGJUN, US

[72] KENDALL, CHRISTOPHER B., US

[72] HURST, ROBERT T., US

[71] ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US

[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US

[85] 2013-08-12

[86] 2012-02-13 (PCT/US2012/024925)

[87] (WO2012/109676)

[30] US (61/442,169) 2011-02-11

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[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) A61J 1/05 (2006.01) A61M 1/00 (2006.01) A61M 5/34 (2006.01)**

[25] EN

[54] **MULTIFUNCTION ASPIRATION BIOPSY DEVICE AND METHODS OF USE**

[54] **DISPOSITIF DE BIOPSIE PAR ASPIRATION MULTIFONCTION ET SES PROCEDES D'UTILISATION**

[72] LI, RONGSHAN, US

[71] LI, RONGSHAN, US

[85] 2013-08-09

[86] 2012-04-05 (PCT/US2012/032261)

[87] (WO2012/141964)

[30] US (61/516,971) 2011-04-11

[30] US (61/629,022) 2011-11-12

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[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**

[25] EN

[54] **EVAPORATIVE FLUID POUCH AND SYSTEMS FOR USE WITH BODY FLUIDS**

[54] **POCHE DE FLUIDE A EVAPORATION ET SYSTEMES POUR UTILISATION AVEC DES LIQUIDES ORGANIQUES**

[72] COULTHARD, RICHARD DANIEL JOHN, GB

[72] LOCKE, CHRISTOPHER BRIAN, GB

[71] KCI LICENSING, INC., US

[85] 2013-08-12

[86] 2012-04-09 (PCT/US2012/032799)

[87] (WO2012/142002)

[30] US (13/084,813) 2011-04-12

[30] US (61/529,709) 2011-08-31

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[30] US (61/529,722) 2011-08-31

[30] US (61/529,751) 2011-08-31

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[13] A1

[51] **Int.Cl. B65D 1/24 (2006.01) B65D 6/18 (2006.01) B65D 6/26 (2006.01) B65D 21/02 (2006.01) B65D 25/00 (2006.01) B65D 85/30 (2006.01)**

[25] EN

[54] **TRANSPORT AND PRESENTATION CRATE**

[54] **CAISSE DE TRANSPORT ET DE PRESENTATION**

[72] ORGELDINGER, WOLFGANG, DE

[71] IFCO SYSTEMS GMBH, DE

[85] 2013-08-09

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[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING REDUCED PRESSURE DELIVERED TO A TISSUE SITE**  
[54] **SYSTEME ET PROCEDE DE GESTION DE PRESSION REDUITE DISTRIBUEE A UN SITE DE TISSU**  
[72] LOCKE, CHRISTOPHER BRIAN, GB  
[72] BLANDFORD, DAVID ROBSON, GB  
[72] COULTHARD, RICHARD DANIEL JOHN, GB  
[71] KCI LICENSING, INC., US  
[85] 2013-08-12  
[86] 2012-04-19 (PCT/US2012/034299)  
[87] (WO2012/145543)  
[30] US (61/477,406) 2011-04-20

[21] **2,827,129**  
[13] A1

[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/46 (2006.01) A47J 31/50 (2006.01) A47J 31/56 (2006.01)**  
[25] EN  
[54] **MIXED BEVERAGE MAKER**  
[54] **APPAREIL PERMETTANT DE REALISER DES BOISSONS MELANGEES**  
[72] KOUNLAVONG, PHETSOUVANH, US  
[72] VEERAVAGU, ASOKA, US  
[72] GORALSKI, WILLIAM, US  
[71] SUNBEAM PRODUCTS, INC., US  
[85] 2013-08-12  
[86] 2012-06-22 (PCT/US2012/043735)  
[87] (WO2012/177999)  
[30] US (61/500,251) 2011-06-23

[21] **2,827,132**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) B29C 65/00 (2006.01) E21B 23/06 (2006.01)**  
[25] EN  
[54] **BOREHOLE METAL MEMBER BONDING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE LIAISON D'ELEMENTS METALLIQUES DE FOND DE TROU**  
[72] CORTEZ, STEVE MICHAEL, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-12  
[86] 2012-03-30 (PCT/US2012/031416)  
[87] (WO2012/138556)  
[30] US (13/082,033) 2011-04-07

[21] **2,827,127**  
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR PURGING NEGATIVE PRESSURE WOUND THERAPY SYSTEM**  
[54] **SYSTEME DE PURGE D'UN SYSTEME POUR LE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**  
[72] COULTHARD, RICHARD, US  
[72] BENDELE, KEVIN, US  
[72] LUCKEMEYER, JAMES, US  
[72] LOCKE, CHRISTOPHER, US  
[71] KCI LICENSING, INC., US  
[85] 2013-08-12  
[86] 2012-04-20 (PCT/US2012/034429)  
[87] (WO2012/145612)  
[30] US (61/477,472) 2011-04-20

[21] **2,827,130**  
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 9/08 (2006.01) A61P 27/00 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **TOROIDAL PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULATIONS PHARMACEUTIQUES TOROIDALES**  
[72] SMYTH, HUGH, US  
[72] HERPIN, MATTHEW, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2013-08-12  
[86] 2012-06-27 (PCT/US2012/044447)  
[87] (WO2013/003491)  
[30] US (61/501,671) 2011-06-27

[21] **2,827,134**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 10/06 (2012.01) G06F 9/44 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MULTI-ASPECT SIMULATION**  
[54] **APPAREIL ET PROCEDE DE SIMULATION MULTI ASPECTS**  
[72] CRISP, MARTIN JOSEPH MICHAEL, CA  
[71] BLUEPRINT SOFTWARE SYSTEMS INC., CA  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/CA2012/000122)  
[87] (WO2012/106810)  
[30] US (61/441,869) 2011-02-11

[21] **2,827,131**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**  
[25] EN  
[54] **PEERACTIVE TECHNOLOGIES AND ONLINE SHOPPING**  
[54] **TECHNOLOGIES PEERACTIVE, ET ACHATS EN LIGNE**  
[72] ROSENTHAL, NICHOLAS, AU  
[72] ARBITTIER, ROBERT, US  
[72] STEIN, DAVID, AU  
[72] GOLAN, NIR, US  
[71] PEERACTIVE, INC., US  
[85] 2013-08-12  
[86] 2012-03-27 (PCT/US2012/030733)  
[87] (WO2012/135212)  
[30] US (61/468,938) 2011-03-29

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[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01)**  
[25] EN  
[54] **USER EQUIPMENT BATTERY SAVING IN A HETNET DEPLOYMENT WITH EICIC**  
[54] **REALISATION D'ECONOMIES D'ENERGIE SUR LA BATTERIE D'UN EQUIPEMENT D'UTILISATEUR DANS UN DEPLOIEMENT HETNET AVEC EICIC**  
[72] YU, YI, US  
[72] SONG, YI, US  
[72] CAI, ZHIJUN, US  
[72] FONG, MO-HAN, US  
[72] SUZUKI, TAKASHI, JP  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-08-09  
[86] 2011-02-11 (PCT/US2011/024537)  
[87] (WO2012/108876)

[21] **2,827,137**  
[13] A1

[51] **Int.Cl. G01G 19/12 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR MEASURING THE WEIGHT OF A LOAD TO BE HEAVED ONTO A LOADING SURFACE**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DU POIDS D'UNE CHARGE A HISSER SUR UNE PLATE-FORME DE CHARGEMENT**  
[72] LUSTENBERGER, MARTIN, CH  
[71] DIGI SENS AG, CH  
[85] 2013-08-12  
[86] 2012-02-06 (PCT/CH2012/000031)  
[87] (WO2012/106826)  
[30] CH (248/11) 2011-02-11

[21] **2,827,138**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR MANAGING THE RE-USE OF SOFTWARE REQUIREMENTS**  
[54] **PROCEDE, SYSTEME ET APPAREIL POUR GERER LA REUTILISATION D'EXIGENCES LOGICIELLES**  
[72] CRISP, MARTIN JOSEPH MICHAEL, CA  
[71] BLUEPRINT SOFTWARE SYSTEMS INC., CA  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/CA2012/000123)  
[87] (WO2012/106811)  
[30] US (61/441,917) 2011-02-11

[21] **2,827,139**  
[13] A1

[51] **Int.Cl. C06B 43/00 (2006.01) C06D 5/00 (2006.01)**  
[25] EN  
[54] **COST EFFECTIVE PLASMA COMBINED HEAT AND POWER SYSTEM**  
[54] **SYSTEME PEU COUTEUX DE CHALEUR ET ENERGIE COMBINE AU PLASMA**  
[72] JURANITCH, JAMES CHARLES, US  
[71] JURANITCH, JAMES CHARLES, US  
[85] 2013-08-09  
[86] 2012-02-17 (PCT/US2012/024726)  
[87] (WO2012/109589)  
[30] US (61/525,708) 2011-08-19  
[30] US (61//526,248) 2011-08-22

[21] **2,827,141**  
[13] A1

[51] **Int.Cl. G05B 15/00 (2006.01)**  
[25] EN  
[54] **DEVICE CONTROL USING SENSORY INPUT**  
[54] **COMMANDE DE DISPOSITIF UTILISANT L'ENTREE SENSORIELLE**  
[72] RAHMAN, HOSAIN SADEQR, US  
[72] DRYSDALE, RICHARD LEE, US  
[72] LUNA, MICHAEL EDWARD SMITH, US  
[72] FULLAM, SCOTT, US  
[72] BOGARD, TRAVIS AUSTIN, US  
[72] ROBISON, JEREMIAH, US  
[72] UTTER, MAX EVERETT, II, US  
[72] DONALDSON, THOMAS ALAN, GB  
[72] MARTINO, RAYMOND A., US  
[71] ALIPHCOM, US  
[85] 2013-06-04  
[86] 2012-05-30 (PCT/US2012/040047)  
[87] (WO2012/170260)  
[30] US (13/158,372) 2011-06-10  
[30] US (13/158,416) 2011-06-11  
[30] US (61/495,995) 2011-06-11  
[30] US (61/495,994) 2011-06-11  
[30] US (61/495,997) 2011-06-11  
[30] US (61/495,996) 2011-06-11  
[30] US (13/180,000) 2011-07-11  
[30] US (13/180,320) 2011-07-11  
[30] US (13/181,486) 2011-07-12

[21] **2,827,142**  
[13] A1

[51] **Int.Cl. H04L 1/16 (2006.01) H04W 72/12 (2009.01)**  
[25] EN  
[54] **METHOD FOR TRANSMITTING INFORMATION IN TIME DIVISION DUPLEXING SYSTEM, USER EQUIPMENT, AND BASE STATION**  
[54] **PROCEDE, EQUIPEMENT UTILISATEUR ET STATION DE BASE POUR TRANSMISSION D'INFORMATIONS DANS UN SYSTEME DE DUPLEXAGE PAR REPARTITION TEMPORELLE**  
[72] GUAN, LEI, CN  
[72] LV, YONGXIA, CN  
[72] CHEN, XIAOBO, CN  
[71] HUAWEI TECHNOLOGIES CO., LTD., CN  
[85] 2013-08-12  
[86] 2012-06-20 (PCT/CN2012/077238)  
[87] (WO2012/175020)  
[30] CN (201110166072.X) 2011-06-20

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[13] A1

[51] **Int.Cl. C10G 73/04 (2006.01) C08F 220/18 (2006.01) C10G 73/06 (2006.01) C10G 73/22 (2006.01)**

[25] EN

[54] **METHOD FOR DEWAXING MINERAL OIL COMPOSITIONS**

[54] **PROCEDE DE DEPARAFFINAGE DE COMPOSITIONS D'HUILES MINERALES**

[72] KOSCHABEK, RENE, DE

[72] STOHR, TORSTEN, DE

[72] WEBER, MARKUS, DE

[72] UNGLERT, ANDRE, DE

[72] TSCHEPAT, WOLFGANG, DE

[71] EVONIK OIL ADDITIVES GMBH, DE

[85] 2013-08-09

[86] 2012-02-06 (PCT/EP2012/051911)

[87] (WO2012/107372)

[30] DE (10 2011 003 855.8) 2011-02-09

[21] **2,827,145**  
[13] A1

[51] **Int.Cl. C02F 9/02 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 9/04 (2006.01) C02F 11/12 (2006.01)**

[25] EN

[54] **SULFATE REMOVAL FROM AQUEOUS WASTE STREAMS WITH RECYCLE**

[54] **ELIMINATION DES SULFATES DE COURANTS DE DECHETS AQUEUX AVEC RECYCLAGE**

[72] SATHRUGNAN, KARTHIKEYAN, SG

[72] REYES, LEW ANDREW, SG

[71] SIEMENS PTE. LTD., SG

[85] 2013-08-09

[86] 2012-02-08 (PCT/US2012/024258)

[87] (WO2012/109313)

[30] US (61/441,879) 2011-02-11

[21] **2,827,147**  
[13] A1

[51] **Int.Cl. B62J 1/00 (2006.01) B62J 1/08 (2006.01) B62J 1/18 (2006.01)**

[25] EN

[54] **BICYCLE SADDLE**

[54] **SELLE DE BICYCLETTE**

[72] RIONDATO, FRANCESCO, IT

[71] SELLE SMP SAS DI MAURIZIO SCHIAVON, IT

[85] 2013-08-12

[86] 2012-02-07 (PCT/EP2012/000552)

[87] (WO2012/107215)

[30] IT (VI2011A000024) 2011-02-11

[21] **2,827,149**  
[13] A1

[51] **Int.Cl. B63B 59/04 (2006.01)**

[25] EN

[54] **METHOD FOR PROTECTING SURFACES FROM FOULING**

[54] **PROCEDE DE PROTECTION DE SURFACES CONTRE LES SALISSURES**

[72] SIRLEREAUX, SERGE, DE

[72] AGARD, THIERRY, FR

[71] RENOLIT SE, DE

[71] UNIFLOCKAGE S.A.S., FR

[85] 2013-08-12

[86] 2012-02-22 (PCT/EP2012/000799)

[87] (WO2012/113562)

[30] DE (10 2011 012 517.5) 2011-02-25

[21] **2,827,150**  
[13] A1

[51] **Int.Cl. A61K 39/29 (2006.01) A61K 36/06 (2006.01) C07K 14/02 (2006.01)**

[25] EN

[54] **YEAST-BASED THERAPEUTIC FOR CHRONIC HEPATITIS B INFECTION**

[54] **THERAPEUTIQUE A BASE DE LEVURE POUR INFECTION CHRONIQUE PAR L'HEPATITE B**

[72] APELIAN, DAVID, US

[72] KING, THOMAS H., US

[72] GUO, ZHIMIN, US

[72] COESHOTT, CLAIRE, US

[71] GLOBEIMMUNE, INC., US

[85] 2013-08-09

[86] 2012-02-09 (PCT/US2012/024409)

[87] (WO2012/109404)

[30] US (61/442,204) 2011-02-12

[30] US (61/496,945) 2011-06-14

[30] US (61/507,361) 2011-07-13

[21] **2,827,152**  
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01)**

[25] EN

[54] **USER EQUIPMENT BATTERY SAVING IN A HETNET DEPLOYMENT WITH EICIC**

[54] **ECONOMIE DE BATTERIE D'EQUIPEMENT D'UTILISATEUR DANS UN DEPLOIEMENT DE RESEAU HETEROGENE (HETNET) AVEC EICIC**

[72] YU, YI, US

[72] SONG, YI, US

[72] CAI, ZHIJUN, US

[72] FONG, MO-HAN, CA

[71] BLACKBERRY LIMITED, CA

[85] 2013-08-09

[86] 2011-02-11 (PCT/US2011/024555)

[87] (WO2012/108880)

[21] **2,827,153**  
[13] A1

[51] **Int.Cl. H04L 12/46 (2006.01)**

[25] EN

[54] **INTERMEDIATE NETWORK IN A RING TOPOLOGY AND METHOD FOR SETTING UP A NETWORK CONNECTION BETWEEN TWO NETWORK DOMAINS**

[54] **RESEAU INTERMEDIAIRE DE TOPOLOGIE ANNULAIRE ET PROCEDE DE CREATION D'UNE LIAISON DE RESEAU ENTRE DEUX DOMAINES D'UN RESEAU**

[72] RIEDL, JOHANNES, DE

[72] SCHEFFEL, MATTHIAS, DE

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2013-08-12

[86] 2012-01-30 (PCT/EP2012/051396)

[87] (WO2012/110300)

[30] DE (10 2011 004 064.1) 2011-02-14

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[21] **2,827,154**  
[13] A1

[51] **Int.Cl. A61K 31/522 (2006.01) A61P 9/08 (2006.01) A61P 9/12 (2006.01)**  
[25] EN  
[54] **METHODS FOR TREATING PULMONARY HYPERTENSION**  
[54] **METHODES DE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**  
[72] KYLHAMMAR, DAVID, SE  
[72] RADEGRAN, GORAN, SE  
[71] THE MEDICINES COMPANY, US  
[85] 2013-08-09  
[86] 2012-02-09 (PCT/US2012/024411)  
[87] (WO2012/109406)  
[30] US (61/441,081) 2011-02-09

[21] **2,827,156**  
[13] A1

[51] **Int.Cl. G10L 19/10 (2013.01)**  
[25] EN  
[54] **ENCODING AND DECODING OF PULSE POSITIONS OF TRACKS OF AN AUDIO SIGNAL**  
[54] **CODAGE ET DECODAGE DES POSITIONS D'IMPULSION DES PISTES D'UN SIGNAL AUDIO**  
[72] BACKSTROM, TOM, DE  
[72] FUCHS, GUILLAUME, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/EP2012/052294)  
[87] (WO2012/110416)  
[30] US (61/442,632) 2011-02-14

[21] **2,827,157**  
[13] A1

[51] **Int.Cl. A01N 43/16 (2006.01) A61K 31/404 (2006.01) A61P 11/00 (2006.01)**  
[25] EN  
[54] **CATHEPSIN C INHIBITORS**  
[54] **INHIBITEURS DE LA CATHEPSINE C**  
[72] NEIPP, CHRISTOPHER E., US  
[72] PALOVICH, MICHAEL R., US  
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB  
[85] 2013-08-09  
[86] 2012-02-09 (PCT/US2012/024428)  
[87] (WO2012/109415)  
[30] US (61/441,840) 2011-02-11

[21] **2,827,158**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **DEVICE AND USES THEREOF**  
[54] **RESEAU DE MICRO-AIGUILLES A BARBES DEPLOYABLES ET UTILISATIONS DE CELUI-CI**  
[72] KARP, JEFFREY M., US  
[72] CHO, WOO KYUNG, US  
[72] LAULICHT, BRYAN, US  
[72] ANKRUM, JAMES A., US  
[72] KARNIK, ROHIT N., US  
[72] LANGER, ROBERT, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
[85] 2013-08-12  
[86] 2012-01-18 (PCT/US2012/021778)  
[87] (WO2012/100002)  
[30] US (61/433,934) 2011-01-18  
[30] US (61/453,521) 2011-03-16

[21] **2,827,159**  
[13] A1

[51] **Int.Cl. A01N 43/90 (2006.01) A01N 33/12 (2006.01) A01N 37/42 (2006.01) A01P 3/00 (2006.01)**  
[25] EN  
[54] **SYNERGISTIC COMBINATIONS CONTAINING A DITHIINO-TETRACARBOXAMIDE FUNGICIDE AND A HERBICIDE, SAFENER OR PLANT GROWTH REGULATOR**  
[54] **COMBINAISONS SYNERGIQUES CONTENANT UN FONGICIDE DITHIINO-TETRACARBOXAMIDE ET UN HERBICIDE, UN PHYTOPROTECTEUR OU UN REGULATEUR DE CROISSANCE VEGETALE**  
[72] MEISSNER, RUTH, DE  
[72] WACHENDORFF-NEUMANN, ULRIKE, DE  
[72] SEITZ, THOMAS, DE  
[71] BAYER INTELLECTUAL PORPerty GMBH, DE  
[85] 2013-08-12  
[86] 2012-02-14 (PCT/EP2012/052519)  
[87] (WO2012/110517)  
[30] EP (11154541.4) 2011-02-15  
[30] US (61/445,715) 2011-02-23

[21] **2,827,160**  
[13] A1

[51] **Int.Cl. C12N 15/115 (2010.01)**  
[25] EN  
[54] **APTAMERS TO TISSUE FACTOR PATHWAY INHIBITOR AND THEIR USE AS BLEEDING DISORDER THERAPEUTICS**  
[54] **APTAMERES SE LIANT A L'INHIBITEUR DE LA VOIE DU FACTEUR TISSULAIRE ET LEUR UTILISATION COMME PRODUITS THERAPEUTIQUES DES TROUBLES HEMOSTATIQUES**  
[72] SCHAUB, ROBERT, US  
[72] MCGINNESS, KATHLEEN, US  
[72] NELSON, JENNIFER, US  
[72] GENGA, RYAN, US  
[72] WATERS, EMILY, US  
[72] KURZ, JEFFREY, US  
[72] DIENER, JOHN, US  
[71] BAXTER HEALTHCARE S.A., CH  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2013-08-09  
[86] 2012-02-13 (PCT/US2012/024916)  
[87] (WO2012/109675)  
[30] US (13/026,165) 2011-02-11

[21] **2,827,161**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01) C07D 491/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **6,5-HETEROCYCLIC PROPARGYLIC ALCOHOL COMPOUNDS AND USES THEREFOR**  
[54] **COMPOSES D'ALCOOL PROPARGYLIQUE 6,5-HETEROCYCLIQUES ET UTILISATIONS DE CEUX-CI**  
[72] FENG, JIANWEN, US  
[72] LOKE, PUI LENG, GB  
[72] MONTALBETTI, CHRISTIAN A.G.N., GB  
[72] STABEN, STEVEN, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-08-12  
[86] 2012-03-15 (PCT/EP2012/054518)  
[87] (WO2012/123522)  
[30] US (61/453,494) 2011-03-16



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[13] A1

[51] **Int.Cl. B65G 35/08 (2006.01) F27B 21/06 (2006.01)**

[25] EN

[54] **PALLET CAR CHANGING DEVICE**

[54] **DISPOSITIF DE CHANGEMENT DE WAGON A PALETTES**

[72] SCHULAKOW-KLASS, ANDREJ, DE

[72] EMMEL, JURGEN, DE

[72] HOLZHAUER, THOMAS, DE

[71] OUTOTEC OYJ, FI

[85] 2013-08-12

[86] 2012-03-29 (PCT/EP2012/055624)

[87] (WO2012/136558)

[30] DE (10 2011 016 467.7) 2011-04-08

[21] **2,827,164**  
[13] A1

[51] **Int.Cl. A21D 2/14 (2006.01) A21D 8/04 (2006.01) C12N 1/18 (2006.01) C12N 15/01 (2006.01)**

[25] FR

[54] **SACCHAROMYCES CEREVISIAE STRAINS SUITABLE FOR THE PRODUCTION OF BAKER'S YEASTS WHICH ARE OSMOTOLERANT AND WHICH EXHIBIT INTRINSIC RESISTANCE TO WEAK ORGANIC ACIDS, METHODS FOR THE PREPARATION THEREOF AND USES**

[54] **SOUCHES DE SACCHAROMYCES CEREVISIAE APTES A LA PRODUCTION DE LEVURES DE PANIFICATION OSMOTOLERANTES ET PRESENTANT UNE RESISTANCE INTRINSEQUE AUX ACIDES ORGANIQUES FAIBLES, LEURS PROCEDES DE PREPARATION ET APPLICATIONS**

[72] LADRIERE, JEAN-MARC, FR

[72] BARTOLUCCI, JEAN-CHARLES, FR

[72] SUCHER, FABIENNE, FR

[72] THOMAS, BENOIT, FR

[71] LESAFFRE ET COMPAGNIE, FR

[85] 2013-08-12

[86] 2011-07-01 (PCT/FR2011/051550)

[87] (WO2012/110711)

[30] FR (11 51354) 2011-02-18

[21] **2,827,165**  
[13] A1

[51] **Int.Cl. G09F 15/02 (2006.01) G09F 7/12 (2006.01) G09F 15/00 (2006.01)**

[25] FR

[54] **COMMUNICATING BOARD**

[54] **PANNEAU COMMUNIQUANT**

[72] BASSOULS, PIERRE-HENRY, FR

[72] DELMOTTE, JEAN-PHILIPPE, FR

[72] BIHR, ERIC, FR

[71] PRISMAFLEX INTERNATIONAL, FR

[85] 2013-08-12

[86] 2012-02-06 (PCT/FR2012/050249)

[87] (WO2012/114014)

[30] FR (1151502) 2011-02-24

[21] **2,827,168**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **HEART VALVE**

[54] **VALVULE CARDIAQUE**

[72] WHEATLEY, DAVID J., GB

[71] WHEATLEY, DAVID J., GB

[85] 2013-08-12

[86] 2012-02-17 (PCT/GB2012/000165)

[87] (WO2012/110767)

[30] GB (1102828.9) 2011-02-18

[21] **2,827,170**  
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN

[54] **MONOVALENT AND MULTIVALENT MULTISPECIFIC COMPLEXES AND USES THEREOF**

[54] **COMPLEXES PLURISPECIFIQUES MONOVALENTS ET MULTIVALENTS ET LEURS UTILISATIONS**

[72] HILBERT, DAVID M., US

[71] ZYNGENIA, INC., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024765)

[87] (WO2012/109624)

[30] US (61/442,106) 2011-02-11

[21] **2,827,171**  
[13] A1

[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 413/12 (2006.01)**

[25] EN

[54] **FAK INHIBITORS**

[54] **INHIBITEURS DE FAK**

[72] HOLMES, IAN PETER, AU

[72] BERGMAN, YLVA, AU

[72] LUNNISS, GILLIAN ELIZABETH, AU

[72] NIKAC, MARICA, AU

[72] CHOI, NEIL, AU

[72] HEMLEY, CATHERINE FAE, AU

[72] WALKER, SCOTT RAYMOND, AU

[72] FOITZIK, RICHARD CHARLES, AU

[72] GANAME, DANNY, AU

[72] LESSENE, ROMINA, AU

[71] CANCER THERAPEUTICS CRC PTY LIMITED, AU

[85] 2013-08-12

[86] 2012-02-17 (PCT/GB2012/000175)

[87] (WO2012/110773)

[30] US (61/443,773) 2011-02-17

[30] US (61/523,503) 2011-08-15

[30] US (61/579,719) 2011-12-23

[21] **2,827,172**  
[13] A1

[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01)**

[25] EN

[54] **SELECTIVE FAK INHIBITORS**

[54] **INHIBITEURS SELECTIFS DE FAK**

[72] HOLMES, IAN PETER, AU

[72] BERGMAN, YLVA, AU

[72] LUNNISS, GILLIAN ELIZABETH, AU

[72] NIKAC, MARICA, AU

[72] CHOI, NEIL, AU

[72] HEMLEY, CATHERINE FAE, AU

[72] WALKER, SCOTT RAYMOND, AU

[72] FOITZIK, RICHARD CHARLES, AU

[72] GANAME, DANNY, AU

[72] LESSENE, ROMINA, AU

[71] CANCER THERAPEUTICS CRC PTY LIMITED, AU

[85] 2013-08-12

[86] 2012-02-17 (PCT/GB2012/000176)

[87] (WO2012/110774)

[30] US (61/443,773) 2011-02-17

[30] US (61/523,489) 2011-08-15

[30] US (61/579,729) 2011-12-23

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[21] **2,827,176**  
[13] A1

[51] **Int.Cl. E03D 9/10 (2006.01)**  
[25] EN  
[54] **MACERATING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE MACERATION**  
[72] POHLER, DONALD M., US  
[72] HEINSLER, MATTHEW S., US  
[72] WILLIAMS, DAVID M., US  
[71] LIBERTY PUMPS, INC., US  
[85] 2013-08-12  
[86] 2012-02-10 (PCT/US2012/024595)  
[87] (WO2012/112382)  
[30] US (13/027,878) 2011-02-15  
[30] US (13/028,102) 2011-02-15

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[21] **2,827,178**  
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01)**  
[25] EN  
[54] **COMPUTERIZED METHOD FOR THE ESTIMATION OF A VALUE FOR AT LEAST A PARAMETER OF A HYDROCARBON-PRODUCING REGION, FOR PLANNING THE OPERATION AND OPERATING THE REGION**  
[54] **METHODE INFORMATISEE POUR ESTIMER LA VALEUR D'AU MOINS UN PARAMETRE D'UNE REGION PRODUCTRICE D'HYDROCARBURES, POUR LA PLANIFICATION DE L'EXPLOITATION ET L'EXPLOITATION DE LA REGION**  
[72] MONGALVY, VINCENT, FR  
[72] LU, LU, FR  
[72] AGARWAL, SATISH, FR  
[71] TOTAL SA, FR  
[85] 2013-08-12  
[86] 2011-02-23 (PCT/IB2011/000773)  
[87] (WO2012/114146)

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[21] **2,827,179**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) G01N 33/50 (2006.01)**  
[25] EN  
[54] **ZSCAN4 AS A MARKER FOR PANCREATIC STEM CELLS AND PROGENITOR CELLS AND USE THEREOF**  
[54] **ZSCAN4 EN TANT QUE MARQUEUR DE CELLULES SOUCHES ET DE CELLULES PROGENITRICES PANCREATIQUES ET SON UTILISATION**  
[72] KO, MINORU S.H., US  
[72] KO, SHIGERU B.H., JP  
[71] KO, MINORU S.H., US  
[71] KO, SHIGERU B.H., JP  
[85] 2013-07-22  
[86] 2012-01-25 (PCT/US2012/022575)  
[87] (WO2012/103235)  
[30] US (61/436,068) 2011-01-25

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[21] **2,827,182**  
[13] A1

[51] **Int.Cl. H02P 7/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF CONTROLLING THE SPEED OF A MOTOR BASED ON DWELL**  
[54] **SYSTEME ET PROCEDE DE COMMANDE DE LA VITESSE D'UN MOTEUR SUR LA BASE D'UN TEMPS D'ARRET**  
[72] NORELL, NEIL N., US  
[72] ROBITAILLE, JAMES M., US  
[72] HUFF, MATTHEW L., US  
[71] SHOP VAC CORPORATION, US  
[85] 2013-08-12  
[86] 2012-02-14 (PCT/US2012/024935)  
[87] (WO2012/112468)  
[30] US (61/442,598) 2011-02-14

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[21] **2,827,185**  
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) C08L 51/08 (2006.01) G02C 7/04 (2006.01)**  
[25] EN  
[54] **SILICONE HYDROGEL CONTACT LENSES**  
[54] **LENTILLES DE CONTACT EN SILICONE-HYDROGEL**  
[72] LIU, YUWEN, US  
[72] HONG, YE, US  
[72] GE, JUNHAO, US  
[72] XU, YUAN, US  
[72] CHEN, CHARLIE, US  
[72] FRANCIS, CHARLES A., US  
[72] YAO, LI, US  
[72] BACK, ARTHUR, US  
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY LP, BB  
[85] 2013-08-12  
[86] 2012-02-23 (PCT/US2012/026228)  
[87] (WO2012/118684)  
[30] US (61/447,222) 2011-02-28

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[21] **2,827,186**  
[13] A1

[51] **Int.Cl. H04N 5/00 (2011.01) H04N 21/00 (2011.01)**  
[25] EN  
[54] **MATRIX CODE FOR USE IN VERIFICATION OF DATA CARD SWAP**  
[54] **CODE MATRICIEL A UTILISER LORS DE LA VERIFICATION DE LA PERMUTATION DE CARTES DE DONNEES**  
[72] ANGUIANO, JASON, US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2013-08-12  
[86] 2012-02-14 (PCT/US2012/024956)  
[87] (WO2012/112478)  
[30] US (13/031,115) 2011-02-18

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[21] **2,827,187**  
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) C07K 14/00 (2006.01)**

[25] EN

[54] **WATER SOLUBLE MEMBRANE PROTEINS AND METHODS FOR THE PREPARATION AND USE THEREOF**

[54] **PROTEINES MEMBRANAIRES HYDROSOLUBLES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] ZHANG, SHUGUANG, US

[72] RICH, ALEXANDER, US

[72] CORIN, KAROLINA, US

[72] TEGLER, LOTTA T., US

[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[85] 2013-08-12

[86] 2012-02-23 (PCT/US2012/026353)

[87] (WO2012/116203)

[30] US (61/445,740) 2011-02-23

[21] **2,827,188**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/00 (2006.01) C07K 16/32 (2006.01)**

[25] EN

[54] **BI- AND MONOSPECIFIC, ASYMMETRIC ANTIBODIES AND METHODS OF GENERATING THE SAME**

[54] **ANTICORPS ASYMETRIQUES BI- ET MONOSPECIFIQUES ET LEUR PROCEDE DE GENERATION**

[72] BENHAR, ITAI, IL

[72] VAKS, LILACH, IL

[71] RAMOT AT TEL AVIV UNIVERSITY LTD., IL

[85] 2013-08-12

[86] 2012-03-15 (PCT/IL2012/050093)

[87] (WO2012/123949)

[30] US (61/453,591) 2011-03-17

[21] **2,827,189**  
[13] A1

[51] **Int.Cl. C09J 201/00 (2006.01) C09J 5/08 (2006.01) C09J 7/02 (2006.01) C09J 11/04 (2006.01) C09J 11/06 (2006.01)**

[25] EN

[54] **HOT-MELT ADHESION COMPOSITION, HOT-MELT ADHESIVE SHEET AND ADHESION METHOD**

[54] **COMPOSITION ADHESIVE THERMOFUSIBLE, FEUILLE ADHESIVE THERMOFUSIBLE ET PROCEDE D'ADHESION**

[72] ONO, YOSHITOMO, JP

[72] AMINO, YUMIKO, JP

[71] LINTEC CORPORATION, JP

[85] 2013-08-12

[86] 2012-02-08 (PCT/JP2012/052852)

[87] (WO2012/111507)

[30] JP (2011-028579) 2011-02-14

[21] **2,827,190**  
[13] A1

[51] **Int.Cl. A61B 5/107 (2006.01) A61F 2/66 (2006.01) G01B 5/20 (2006.01) G01B 5/207 (2006.01)**

[25] EN

[54] **APPARATUS FOR ADJUSTING FOOT STRUCTURES, FOR DESIGN OF A FOOT ORTHOTIC, AND METHODS OF USE**

[54] **APPAREIL POUR AJUSTEMENT DE STRUCTURES DE PIED, POUR CONCEPTION D'ORTHESE DE PIED, ET PROCEDES D'UTILISATION**

[72] MILLER, J. KEVIN, US

[72] BEIDLEMAN, NEAL J., US

[72] BONWIT, NEVILLE A., US

[72] CLAUSON, LUKE, US

[72] DEN DULK, KENNETH J., US

[72] FREEBURY, GREGG E., US

[72] NEWELL, MATTHEW B., US

[71] TENSEGRITY TECHNOLOGIES, INC., US

[85] 2013-08-12

[86] 2011-02-10 (PCT/US2011/024389)

[87] (WO2011/100461)

[30] US (61/303,554) 2010-02-11

[21] **2,827,191**  
[13] A1

[51] **Int.Cl. H05B 41/40 (2006.01) H05B 41/42 (2006.01)**

[25] EN

[54] **MULTIPLE LIGHT LEVEL ELECTRONIC POWER CONVERTER**

[54] **CONVERTISSEUR DE PUISSANCE ELECTRONIQUE DE NIVEAUX MULTIPLES DE LUMIERE**

[72] KUMAR, NITIN, US

[72] BAKRE, SHASHANK, US

[71] OSRAM SYLVIANA INC., US

[85] 2013-08-12

[86] 2012-03-02 (PCT/US2012/027412)

[87] (WO2012/134702)

[30] US (13/077,063) 2011-03-31

[21] **2,827,194**  
[13] A1

[51] **Int.Cl. H04N 7/32 (2006.01)**

[25] EN

[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**

[54] **PROCEDES DE CODAGE ET DE DECODAGE D'IMAGE, DISPOSITIFS DE CODAGE ET DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**

[72] NAING, SUE MON THET, SG

[72] LIM, CHONG SOON, SG

[72] WIN, KYAW KYAW, SG

[72] SUN, HAI WEI, SG

[72] WAHADANIAH, VIKTOR, SG

[72] NISHI, TAKAHIRO, JP

[72] SASAI, HISAO, JP

[72] SHIBAHARA, YOUJI, JP

[72] SUGIO, TOSHIYASU, JP

[72] TANIKAWA, KYOKO, JP

[72] MATSUNOBU, TORU, JP

[72] TERADA, KENGO, JP

[71] PANASONIC CORPORATION, JP

[85] 2013-08-12

[86] 2013-01-29 (PCT/JP2013/000465)

[87] (WO2013/114860)

[30] US (61/594,718) 2012-02-03

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[21] **2,827,195**  
[13] A1

[51] **Int.Cl. B29C 45/46 (2006.01)**  
[25] EN  
[54] **PLASTICATING AND INJECTION DEVICE**  
[54] **DISPOSITIF DE PLASTIFICATION ET D'INJECTION**  
[72] BELZILE, MANON DANIELLE, US  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD, CA  
[85] 2013-08-12  
[86] 2012-03-08 (PCT/US2012/028152)  
[87] (WO2012/125380)  
[30] US (61/452,087) 2011-03-12

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[21] **2,827,196**  
[13] A1

[51] **Int.Cl. A61B 5/157 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS, AND METHODS ASSOCIATED WITH ANALYTE MONITORING DEVICES AND DEVICES INCORPORATING THE SAME**  
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES A DES DISPOSITIFS DE SURVEILLANCE D'ANALYTE, ET DISPOSITIFS COMPRENANT LESDITS DISPOSITIFS DE SURVEILLANCE D'ANALYTE**  
[72] KARAN, JAI, US  
[72] TAN, ANNIE, US  
[72] TAUB, MARC B., US  
[72] DUNN, TIMOTHY C., US  
[72] GOLDSMITH, JOEL, US  
[72] NEUHAUS, CHRISTINE M., US  
[72] ROSSI, STEPHEN A., US  
[71] ABBOTT DIABETES CARE INC, US  
[85] 2013-08-12  
[86] 2012-02-28 (PCT/US2012/027022)  
[87] (WO2012/154286)  
[30] US (61/447,645) 2011-02-28  
[30] US (61/489,098) 2011-05-23  
[30] US (61/492,266) 2011-06-01

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[21] **2,827,199**  
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR RULE-DRIVEN MANAGEMENT OF SENSOR DATA ACROSS GEOGRAPHIC AREAS AND DERIVED ACTIONS**  
[54] **SYSTEMES ET PROCEDES POUR GESTION A BASE DE REGLES DE DONNEES DE CAPTEUR DANS DIVERSES ZONES GEOGRAPHIQUES ET ACTIONS DERIVEES**  
[72] SKAAKSRUD, OLE-PETTER, US  
[72] AINSWORTH, MILEY, US  
[71] FEDEX CORPORATE SERVICES, INC., US  
[85] 2013-08-12  
[86] 2012-02-03 (PCT/US2012/023789)  
[87] (WO2012/115764)  
[30] US (61/445,260) 2011-02-22  
[30] US (13/351,852) 2012-01-17

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[21] **2,827,200**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING KIDNEY DISORDERS IN A FELINE**  
[54] **COMPOSITIONS ET PROCEDES POUR DIAGNOSTIQUER ET TRAITER DES TROUBLES RENAUX CHEZ UN FELIN**  
[72] AL-MURRANI, SAMER WALEED, US  
[72] GAO, XIANGMING, US  
[72] MALLADI, SUKHASWAMI, US  
[71] HILL'S PET NUTRITION, INC., US  
[85] 2013-08-12  
[86] 2011-02-24 (PCT/US2011/026032)  
[87] (WO2012/115648)

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[21] **2,827,201**  
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01)**  
[25] EN  
[54] **PERCUTANEOUS ARTHRODESIS METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME D'ARTHRODESE PERCUTANEE**  
[72] SCHELL, GERALD, US  
[72] ANDERSON, TRACY SCOTT, US  
[72] ANDERSON, ALAN SCOTT, US  
[72] BARRA, KENNETH RICHARD, US  
[71] AMENDIA, INC., US  
[85] 2013-08-13  
[86] 2011-11-01 (PCT/US2011/058737)  
[87] (WO2012/112196)  
[30] US (13/028,310) 2011-02-16

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[21] **2,827,202**  
[13] A1

[51] **Int.Cl. A23G 3/52 (2006.01) A23G 3/48 (2006.01)**  
[25] EN  
[54] **INGREDIENT DELIVERY SYSTEM FOR POPCORN KERNELS**  
[54] **SYSTEME DE DISTRIBUTION D'INGREDIENTS DESTINE A DES GRAINS DE POP-CORN**  
[72] JENSEN, MICHAEL, US  
[72] BELLESON, JAMES WESLEY, US  
[72] WRIGHT, TYLER S., US  
[71] CONAGRA FOODS RDM, INC., US  
[85] 2013-08-12  
[86] 2012-02-22 (PCT/US2012/026029)  
[87] (WO2012/116011)  
[30] US (13/033,192) 2011-02-23

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[21] **2,827,203**  
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 43/08 (2006.01)**

[25] EN

[54] **SCREEN, METHOD OF EXPANDING A SCREEN AND METHOD OF CONFORMING A SCREEN TO A BOREHOLE**

[54] **CREPINE, PROCEDE DE DEPLOIEMENT D'UNE CREPINE ET PROCEDE D'ADAPTATION D'UNE CREPINE DANS UN TROU DE FORAGE**

[72] GUEST, RANDALL V., US  
[72] JOHNSON, MICHAEL H., US  
[72] HUBER, KIRK J., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-12  
[86] 2012-01-13 (PCT/US2012/021274)  
[87] (WO2012/112247)  
[30] US (13/029,758) 2011-02-17

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[21] **2,827,204**  
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06Q 50/06 (2012.01)**

[25] EN

[54] **SYSTEMS AND/OR METHODS FOR MANAGING CRITICAL DIGITAL ASSETS IN POWER GENERATING PLANTS**

[54] **SYSTEMES ET/OU METHODES POUR LA GESTION D'ACTIFS NUMERIQUES CRITIQUES DANS DES CENTRALES ELECTRIQUES**

[72] CARTER, KEVIN C., US  
[71] SHEFFIELD SCIENTIFIC, US  
[85] 2013-08-13  
[86] 2012-01-10 (PCT/US2012/020760)  
[87] (WO2012/096947)  
[30] US (61/431,260) 2011-01-10

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[21] **2,827,205**  
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) C08L 51/08 (2006.01) G02C 7/04 (2006.01)**

[25] EN

[54] **DIMENSIONALLY STABLE SILICONE HYDROGEL CONTACT LENSES**

[54] **LENTILLES DE CONTACT EN HYDROGEL DE SILICONE DE DIMENSIONS STABLES**

[72] FRANCIS, CHARLES A., US  
[72] ZHENG, YING, US  
[72] XU, YUAN, US  
[72] YAO, LI, US  
[72] BACK, ARTHUR, US  
[72] HONG, YE, US  
[72] CHEN, CHARLIE, US  
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB  
[85] 2013-08-12  
[86] 2012-02-23 (PCT/US2012/026213)  
[87] (WO2012/118673)  
[30] US (61/447,164) 2011-02-28

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[21] **2,827,206**  
[13] A1

[51] **Int.Cl. B29C 65/02 (2006.01) B29C 53/46 (2006.01) B29C 65/12 (2006.01)**

[25] EN

[54] **DEVICE FOR WELDING A TUBULAR LINING OF A WASTEWATER PIPE**

[54] **INSTALLATION DE SOUDAGE D'UN REVETEMENT TUBULAIRE POUR UNE CONDUITE D'EAUX USEES**

[72] SCHLUSSELBAUER, JOHANN, AT  
[71] SCHLUSSELBAUER, JOHANN, AT  
[85] 2013-08-13  
[86] 2012-01-18 (PCT/AT2012/050010)  
[87] (WO2012/109688)  
[30] AT (A 218/2011) 2011-02-18

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[21] **2,827,207**  
[13] A1

[51] **Int.Cl. F16J 15/46 (2006.01) E21B 10/26 (2006.01) E21B 10/50 (2006.01)**

[25] EN

[54] **DRILL BIT SEAL AND METHOD OF USING SAME**

[54] **JOINT D'ETANCHEITE POUR OUTIL DE FORAGE ET SON PROCEDE D'UTILISATION**

[72] BURR, BRUCE HAWLEY, US  
[71] NATIONAL OILWELL VARCO, L.P., US  
[85] 2013-08-13  
[86] 2012-02-07 (PCT/US2012/024042)  
[87] (WO2012/112333)  
[30] US (61/444,296) 2011-02-18

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[21] **2,827,208**  
[13] A1

[51] **Int.Cl. F16K 1/18 (2006.01) F16K 3/04 (2006.01)**

[25] EN

[54] **FLAPPER VALVE**

[54] **CLAPET A BATTANT**

[72] MACRAE, JONATHAN, US  
[72] FINCI, BULENT, US  
[72] PEDRAZA, JAIME, US  
[72] SCHIEL, MARK, US  
[71] THRUBIT B. V., NL  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/US2012/024806)  
[87] (WO2012/112414)  
[30] US (13/028,752) 2011-02-16

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[21] **2,827,209**  
[13] A1

[51] **Int.Cl. G01N 21/35 (2006.01) G01N 21/89 (2006.01)**  
[25] EN  
[54] **INCREASED ABSORPTION-MEASUREMENT ACCURACY THROUGH WINDOWING OF PHOTON-TRANSIT TIMES TO ACCOUNT FOR SCATTERING IN CONTINUOUS WEBS AND POWDERS**  
[54] **AMELIORATION DE LA PRECISION DES MESURES D'ABSORPTION PAR FENETRAGE DES TEMPS DE TRANSIT DES PHOTONS POUR PRENDRE EN COMPTE LA DIFFUSION DANS LES BANDES CONTINUES ET LES POUDRES**  
[72] HUGHES, MICHAEL KON YEW, US  
[72] TIXIER, SEBASTIEN, US  
[71] HONEYWELL ASCA INC., CA  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/CA2012/000120)  
[87] (WO2012/109730)  
[30] US (13/027,259) 2011-02-14

[21] **2,827,210**  
[13] A1

[51] **Int.Cl. B64C 15/00 (2006.01) B64C 17/04 (2006.01) B64C 39/02 (2006.01) B64C 39/06 (2006.01)**  
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[71] VOSS, ANDREAS, DE  
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[87] (WO2012/107034)  
[30] DE (10 2011 000 651.6) 2011-02-11

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[51] **Int.Cl. C08G 18/76 (2006.01) C08G 18/18 (2006.01) C08G 18/48 (2006.01)**  
[25] EN  
[54] **LOW DENSITY POLYURETHANE FOAMS**  
[54] **MOUSSES POLYURETHANE BASSE DENSITE**  
[72] MOTTA, BRUNO CESAR SILVA, BR  
[72] MINNIKANTI, VENKAT S., US  
[72] GAMBOA, ROGELIO R., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[71] DOW BRASIL SUDESTE INDUSTRIAL LTDA., BR  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/US2012/024865)  
[87] (WO2012/112445)  
[30] US (61/442,474) 2011-02-14

[21] **2,827,212**  
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[51] **Int.Cl. H02J 3/18 (2006.01) G01R 19/25 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MONITORING THE ELECTRIC NETWORK VOLTAGE WAVEFORM**  
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA FORME D'ONDE DE LA TENSION DU RESEAU ELECTRIQUE**  
[72] GABRIEL BERGAS, JOAN, ES  
[72] LOPEZ MESTRE, JOAQUIM, ES  
[72] RIVAS GUERRERO, HECTOR ALI, VE  
[72] SANGRONIZ PALACIO, NATALIA, ES  
[72] CHAVEZ SORIA, CESAR, MX  
[71] ARTECHE LANTEGI ELKARTEA, S.A., ES  
[85] 2013-08-13  
[86] 2011-02-18 (PCT/ES2011/070105)  
[87] (WO2012/110670)

[21] **2,827,213**  
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[51] **Int.Cl. B63B 35/32 (2006.01) B63B 35/10 (2006.01) B63B 39/03 (2006.01)**  
[25] EN  
[54] **A METHOD TO UTILIZE A SHIP IN A NOVEL WAY AND A MULTI-PURPOSE SHIP**  
[54] **PROCEDE D'EMPLOI D'UN NAVIRE DE FACON INNOVANTE ET NAVIRE POLYVALENT**  
[72] SNELLMAN, LARS, FI  
[72] VALTARI, KAI, FI  
[72] SUUTARLA, HANNA, FI  
[71] ARCTIA SHIPPING OY, FI  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/FI2012/000009)  
[87] (WO2012/110686)  
[30] FI (20110053) 2011-02-16

[21] **2,827,214**  
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[51] **Int.Cl. A61K 31/403 (2006.01) A61K 31/404 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) C07D 209/82 (2006.01)**  
[25] EN  
[54] **LIPOXYGENASE INHIBITORS**  
[54] **INHIBITEURS DE LIPOXYGENASE**  
[72] JONG, LING, US  
[71] SRI INTERNATIONAL, US  
[85] 2013-08-13  
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[87] (WO2012/135133)  
[30] US (61/470,609) 2011-04-01

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[51] **Int.Cl. C08J 9/00 (2006.01) C08J 5/04 (2006.01) C08J 5/24 (2006.01) C08J 9/14 (2006.01) C08J 9/32 (2006.01) D04H 1/08 (2012.01) D06M 15/00 (2006.01) D06M 23/12 (2006.01)**  
[25] EN  
[54] **NOVEL COMPOSITE MATERIALS AND METHODS FOR MANUFACTURING SAME**  
[54] **NOUVEAUX MATERIAUX COMPOSITES, LEURS PROCEDES DE FABRICATION**  
[72] RUMEAU, NICOLAS, FR  
[72] BUISSON, AURELIE, FR  
[72] TROUILLOT, PASCAL, FR  
[71] ROXEL FRANCE, FR  
[85] 2013-08-12  
[86] 2011-02-15 (PCT/EP2011/052210)  
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[54] **SOAK AND COKE**  
[54] **TREMPE ET COKE**  
[72] SCHMIDT, ROLAND, SA  
[72] LAFRANCOIS, CHRISTOPHER J., US  
[71] PHILLIPS 66 COMPANY, US  
[85] 2013-08-12  
[86] 2012-01-26 (PCT/US2012/022677)  
[87] (WO2012/109021)  
[30] US (61/441,926) 2011-02-11  
[30] US (13/357,989) 2012-01-25

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[13] A1

[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/00 (2012.01) G01V 3/38 (2006.01) G06F 19/00 (2011.01)**

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[54] **FORMATION RESISTIVITY MEASUREMENTS USING MULTIPLE CONTROLLED MODES**  
[54] **MESURES DE RESISTIVITE DE FORMATIONS AU MOYEN DE MODES CONTROLES MULTIPLES**  
[72] TABAROVSKY, LEONTY A., US  
[72] FORGANG, STANISLAV W., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-13  
[86] 2012-03-30 (PCT/US2012/031419)  
[87] (WO2012/135604)  
[30] US (61/469,878) 2011-03-31

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[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01) H04W 64/00 (2009.01) H04W 74/08 (2009.01)**

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[54] **TIME-ADVANCED RANDOM ACCESS CHANNEL TRANSMISSION**  
[54] **TRANSMISSION DE CANAL D'ACCES ALEATOIRE D'AVANCE TEMPORELLE**  
[72] EARNSHAW, ANDREW MARK, CA  
[72] WENG, JIANFENG, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2013-08-12  
[86] 2011-02-11 (PCT/CA2011/050082)  
[87] (WO2012/106798)

[21] **2,827,219**  
[13] A1

[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/00 (2012.01) G01V 3/24 (2006.01) G01V 3/38 (2006.01)**

[25] EN  
[54] **FORMATION RESISTIVITY MEASUREMENTS USING PHASE CONTROLLED CURRENTS**  
[54] **MESURES DE LA RESISTIVITE DE FORMATION AU MOYEN DE COURANT A REGULATION DE PHASE**  
[72] TABAROVSKY, LEONTY A., US  
[72] FORGANG, STANISLAV W., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-13  
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[87] (WO2012/135606)  
[30] US (61/469,939) 2011-03-31

[21] **2,827,220**  
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01) B65D 77/24 (2006.01) B65D 81/32 (2006.01)**

[25] EN  
[54] **BEVERAGE PACKAGING AND METHOD OF MANUFACTURE**  
[54] **EMBALLAGE POUR BOISSONS ET PROCEDE DE FABRICATION**  
[72] YANG, DARLENE, US  
[72] WERLEIN, MARY JO, US  
[71] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US  
[85] 2013-08-12  
[86] 2012-01-31 (PCT/US2012/023399)  
[87] (WO2012/112301)  
[30] US (13/027,103) 2011-02-14

[21] **2,827,221**  
[13] A1

[51] **Int.Cl. C09D 11/00 (2006.01)**

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[54] **RADIATION CURABLE COMPOSITIONS**  
[54] **COMPOSITIONS DURCISSABLES PAR RAYONNEMENT**  
[72] VAN DEN BERGEN, HUGUES, BE  
[72] GEVAERT, PAUL, BE  
[72] CLARK, GRAHAM, BE  
[72] DE WAELE, LUC, BE  
[71] ALLNEX BELGIUM, S.A., BE  
[85] 2013-08-13  
[86] 2012-03-30 (PCT/EP2012/055823)  
[87] (WO2012/136591)  
[30] EP (11161141.4) 2011-04-05

[21] **2,827,222**  
[13] A1

[51] **Int.Cl. E04B 1/04 (2006.01) E04H 7/18 (2006.01) E04H 7/28 (2006.01) E04H 12/12 (2006.01)**

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[54] **CONCRETE STRUCTURE**  
[54] **CONSTRUCTION EN BETON**  
[72] STAHL, MICHAEL, DE  
[71] DROSSLER GMBH UMWELTECHNIK, DE  
[85] 2013-08-13  
[86] 2012-01-19 (PCT/EP2012/000229)  
[87] (WO2012/110189)  
[30] DE (10 2011 011 414.9) 2011-02-16

[21] **2,827,223**  
[13] A1

[51] **Int.Cl. B24D 3/14 (2006.01) B24D 3/28 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**

[25] EN  
[54] **COATED ABRASIVE ARTICLE HAVING ROTATIONALLY ALIGNED FORMED CERAMIC ABRASIVE PARTICLES AND METHOD OF MAKING**  
[54] **ARTICLE ABRASIF REVETU AYANT DES PARTICULES ABRASIVES CERAMIQUES FACONNEES ALIGNEES EN ROTATION ET PROCEDE DE FABRICATION**  
[72] KEIPERT, STEVEN J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2013-08-12  
[86] 2012-02-01 (PCT/US2012/023477)  
[87] (WO2012/112305)  
[30] US (61/443,418) 2011-02-16

[21] **2,827,224**  
[13] A1

[51] **Int.Cl. B64C 27/14 (2006.01)**

[25] EN  
[54] **GEARBOX LUBRICATION**  
[54] **LUBRIFICATION DE BOITE DE VITESSES**  
[72] NEWBERRY, PAUL TERRENCE, GB  
[71] AGUSTAWESTLAND LIMITED, GB  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/GB2012/050350)  
[87] (WO2012/110820)  
[30] GB (1102763.8) 2011-02-17

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[51] **Int.Cl. A61M 35/00 (2006.01) A61F 13/40 (2006.01) A61K 9/00 (2006.01) A61K 33/00 (2006.01) A61L 15/44 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR THE CONTROLLED RELEASE OF TOPICAL NITRIC OXIDE**

[54] **APPAREIL POUR LA LIBERATION CONTROLEE D'OXYDE NITRIQUE TOPIQUE**

[72] MUTUS, BULENT, CA  
[72] JAROSZ, ARTHUR, CA  
[72] FACCENDA, ADAM, CA  
[72] ZHANG, XUEJI, US  
[71] UNIVERSITY OF WINDSOR, CA  
[85] 2013-08-13  
[86] 2012-02-22 (PCT/CA2012/000157)  
[87] (WO2012/113060)  
[30] US (61/457318) 2011-02-25

[21] **2,827,226**  
[13] A1

[51] **Int.Cl. B03C 1/02 (2006.01) B03C 1/035 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR SEPARATING MAGNETICALLY LABELED MOIETIES IN A SAMPLE**

[54] **DISPOSITIFS ET PROCEDES DE SEPARATION DE FRAGMENTS MARQUES MAGNETIQUEMENT DANS UN ECHANTILLON**

[72] YU, LIPING, US  
[71] BECTON DICKINSON AND COMPANY, US  
[85] 2013-08-13  
[86] 2012-04-05 (PCT/US2012/032423)  
[87] (WO2012/148648)  
[30] US (61/479,778) 2011-04-27

[21] **2,827,227**  
[13] A1

[51] **Int.Cl. F25J 3/04 (2006.01) F23K 3/02 (2006.01) F23L 7/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR MILLING A FUEL FOR AN OXY-FUEL COMBUSTION BURNER**

[54] **PROCEDE ET SYSTEME POUR LE BROYAGE D'UN COMBUSTIBLE POUR UN BRULEUR DE COMBUSTION DE MELANGE OXYGENE-COMBUSTIBLE**

[72] HEINZ, GERHARD, DE  
[72] PEKDEMIR, TURGAY, CH  
[72] BIALKOWSKI, MICHAL, CH  
[72] JONSSON, STAFFAN, CH  
[72] KAEFER, GISBERT, CH  
[72] BRUEGGEMANN, HELLMUTH, DE  
[72] KENDEL, FRIEDEMANN, DE  
[72] RAUCHFUSS, HARDY, CH  
[72] WILD, THOMAS, DE  
[72] MOENCKERT, PATRICK, DE  
[71] ALSTOM TECHNOLOGY LTD., CH  
[85] 2013-08-13  
[86] 2012-02-08 (PCT/IB2012/000232)  
[87] (WO2012/110869)  
[30] EP (11154391.4) 2011-02-14

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[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR AUTHENTICATING DEVICES IN A SENSOR-WEB NETWORK**

[54] **SYSTEMES ET PROCEDES POUR AUTHENTIFIER DES DISPOSITIFS DANS UN RESEAU DE CAPTEURS**

[72] SKAAKSRUD, OLE-PETTER, US  
[72] AINSWORTH, MILEY, US  
[71] FEDEX CORPORATE SERVICES, INC., US  
[85] 2013-08-12  
[86] 2012-02-03 (PCT/US2012/023732)  
[87] (WO2012/115761)  
[30] US (61/445,267) 2011-02-22  
[30] US (13/351,861) 2012-01-17

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04W 88/02 (2009.01) G06F 3/048 (2013.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR REFINING A SEMANTIC SEARCH ON A MOBILE DEVICE**

[54] **PROCEDE ET SYSTEME D'AFFINAGE D'UNE RECHERCHE SEMANTIQUE SUR UN DISPOSITIF MOBILE**

[72] L'ARCHEVEQUE, BENOIT, CA  
[72] CAMUS, MICKAEL, CA  
[72] COCKBURN, DENTON, CA  
[72] PAVY, RICHARD, CA  
[72] REBOUT, LISE, CA  
[72] BRYANT, ANTHONY, CA  
[71] AZZIMOV INC., CA  
[85] 2013-08-13  
[86] 2012-03-07 (PCT/CA2012/000230)  
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[30] US (61/449,911) 2011-03-07

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[51] **Int.Cl. C10G 45/00 (2006.01) C10G 65/02 (2006.01) C10G 69/00 (2006.01)**

[25] EN

[54] **INTEGRATED HYDROTREATING HYDRODEWAXING HYDROFINISHING PROCESS**

[54] **PROCEDE INTEGRE D'HYDROTRAITEMENT D'HYDRODEPARAFFINAGE D'HYDROFINITION**

[72] JOSECK, ERIC D., US  
[72] CARROLL, MICHAEL B., US  
[72] MENTZER, DAVID, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2013-08-13  
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[51] **Int.Cl. F16B 7/04 (2006.01)**  
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[54] **DISPOSITIF D'ASSEMBLAGE D'ANGLE POUR PROFILES CREUX**  
[72] SCHAAF, IGOR HARRY, DE  
[72] MAZURA, PAUL, DE  
[72] NICOLAI, WALTER, DE  
[72] JOCHAM, SIMON, DE  
[71] C E S CONTROL ENCLOSURE SYSTEMS GMBH, DE  
[85] 2013-08-13  
[86] 2012-02-22 (PCT/EP2012/000767)  
[87] (WO2012/113549)  
[30] DE (10 2011 012 435.7) 2011-02-25  
[30] DE (10 2011 012 436.5) 2011-02-25  
[30] DE (10 2011 012 433.0) 2011-02-25  
[30] DE (10 2011 012 434.9) 2011-02-25

[21] **2,827,232**  
[13] A1

[51] **Int.Cl. C09D 11/00 (2006.01)**  
[25] EN  
[54] **RADIATION CURABLE COMPOSITIONS**  
[54] **COMPOSITIONS DURCISSABLES PAR RAYONNEMENT**  
[72] VAN DEN BERGEN, HUGUES, BE  
[72] GEVAERT, PAUL, BE  
[72] DE WAELE, LUC, BE  
[72] LINDEKENS, LUC, BE  
[71] ALLNEX BELGIUM, S.A., BE  
[85] 2013-08-13  
[86] 2012-03-30 (PCT/EP2012/055818)  
[87] (WO2012/136588)  
[30] EP (11161137.2) 2011-04-05

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[13] A1

[51] **Int.Cl. A45D 19/00 (2006.01) A45D 44/00 (2006.01) B01F 13/00 (2006.01)**  
[25] EN  
[54] **BLENDING COLOR AND CONTROL MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE MELANGE DE COULEURS ET DE CONTROLE**  
[72] SARANOW, MITCHELL, US  
[71] SURETINT TECHNOLOGIES, LLC, US  
[85] 2013-08-12  
[86] 2012-02-14 (PCT/US2012/024980)  
[87] (WO2012/112497)  
[30] US (61/442,553) 2011-02-14  
[30] US (13/371,928) 2012-02-13

[21] **2,827,234**  
[13] A1

[51] **Int.Cl. G01N 27/26 (2006.01)**  
[25] EN  
[54] **DIMENSIONAL STABILIZATION OF SLAB GEL CASSETTES TO PREVENT DISTORTION CAUSED BY SWELLING GELS**  
[54] **STABILISATION DIMENSIONNELLE DE CASSETTES DE GEL EN PLAQUES POUR EMPECHER UNE DISTORSION PROVOQUEE PAR LE GONFLEMENT DES GELS**  
[72] PANATTONI, CORY, US  
[72] LATHAM, MATTHEW, US  
[72] KIMMEL, KARA, US  
[72] WALKER, JOHN, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2013-08-13  
[86] 2012-02-24 (PCT/US2012/026557)  
[87] (WO2012/116297)  
[30] US (61/446,347) 2011-02-24  
[30] US (61/588,830) 2012-01-20

[21] **2,827,235**  
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR INJECTING FLUID INTO BONE AND FOR INSERTING BONE SCREWS, AND BONE SCREWS FOR SAME**  
[54] **SYSTEMES ET PROCEDES POUR INJECTER DU FLUIDE DANS UN OS ET POUR INSERER DES VIS A OS, ET VIS A OS POUR CEUX-CI**  
[72] MARTINEAU, PAUL-ANDRE, CA  
[72] LEFEBVRE, LOUIS-PHILIPPE, CA  
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY, CA  
[71] NATIONAL RESEARCH COUNCIL CANADA, CA  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/CA2012/050082)  
[87] (WO2012/109748)  
[30] US (61/442,366) 2011-02-14  
[30] US (61/442,376) 2011-02-14

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[13] A1

[51] **Int.Cl. H04N 5/217 (2011.01) H04N 1/409 (2006.01)**  
[25] EN  
[54] **FOCUS ERROR ESTIMATION IN IMAGES**  
[54] **ESTIMATION D'ERREURS DE FOCALISATION DANS DES IMAGES**  
[72] GEISLER, WILLIAM, US  
[72] BURGE, JOHANNES, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2013-08-13  
[86] 2012-02-27 (PCT/US2012/026817)  
[87] (WO2012/161829)  
[30] US (61/446,566) 2011-02-25

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[13] A1

[51] **Int.Cl. H01L 31/048 (2006.01) B32B 5/18 (2006.01) E04D 3/35 (2006.01) H01L 27/142 (2006.01) B32B 7/12 (2006.01) B32B 15/04 (2006.01)**

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[54] **A COMPOSITE INSULATING PANEL**

[54] **PANNEAU ISOLANT COMPOSITE**

[72] CAROLAN, JAMES, IE

[72] FLYNN, GREGORY, IE

[71] KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED, IE

[85] 2013-08-13

[86] 2012-03-08 (PCT/IE2012/000010)

[87] (WO2012/120489)

[30] IE (2011/0110) 2011-03-08

[30] IE (2011/0444) 2011-09-30

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[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61K 31/00 (2006.01)**

[25] EN

[54] **NANOCAPSULATION OF ESSENTIAL OILS FOR PREVENTING OR CURING INFECTIOUS DISEASES ALONE OR WITH AN ANTIBIOTIC**

[54] **NANOENCAPSULATION D'HUILES ESSENTIELLES POUR LA PREVENTION ET LA GUERISON DES MALADIES INFECTIEUSES SEULES OU ASSOCIEES A UN ANTIBIOTIQUE**

[72] ROSSINES, ELISABETH, FR

[72] JOLY-GUILLOU, MARIE LAURE, FR

[72] SAULNIER, PATRICK, FR

[72] BENOIT, JEAN PIERRE, FR

[71] UNIVERSITE D'ANGERS, FR

[71] EYDO PHARMA, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR

[85] 2013-08-13

[86] 2012-02-24 (PCT/IB2012/000663)

[87] (WO2012/114201)

[30] US (61/446,719) 2011-02-25

[21] **2,827,240**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SEISMIC DATA INVERSION BY NON-LINEAR MODEL UPDATE**

[54] **SYSTEME ET PROCEDE POUR INVERSION DE DONNEES SISMIQUES PAR MISE A JOUR DE MODELE NON LINEAIRE**

[72] SHAH, NIKHIL KOOLESH, US

[72] WASHBOURNE, JOHN KENNETH, US

[71] CHEVRON U.S.A. INC., US

[85] 2013-08-13

[86] 2012-05-23 (PCT/US2012/039057)

[87] (WO2012/170201)

[30] US (13/156,202) 2011-06-08

[21] **2,827,242**  
[13] A1

[51] **Int.Cl. A61K 9/68 (2006.01) A61K 36/00 (2006.01) A61K 47/06 (2006.01) A61K 47/36 (2006.01)**

[25] EN

[54] **CHEWABLE VEHICLE FOR MOUTH ABSORPTION**

[54] **VEHICULE MASTICABLE POUR UNE ABSORPTION BUCCALE**

[72] PURCELL, MARC, CA

[71] TECHNOLOGIES KHLOROS INC., CA

[85] 2013-08-13

[86] 2012-02-28 (PCT/CA2012/050117)

[87] (WO2012/116445)

[30] US (61/447,259) 2011-02-28

[30] US (61/591,572) 2012-01-27

[21] **2,827,243**  
[13] A1

[51] **Int.Cl. E02D 5/06 (2006.01) E02D 5/08 (2006.01)**

[25] EN

[54] **UNIVERSAL CONNECTING ELEMENT FOR SHEET PILE WALL COMPONENTS**

[54] **ELEMENT DE RACCORDEMENT UNIVERSEL POUR COMPOSANTS RIDEAUX DE PALPLANCHES**

[72] WENDT, ROBERTO REDONDO, US

[71] PILEPRO LLC, US

[85] 2013-08-13

[86] 2012-04-20 (PCT/IB2012/000786)

[87] (WO2012/143791)

[30] US (61/477,756) 2011-04-21

[21] **2,827,244**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SYNCHRONIZATION MECHANISM ON MULTI-SERVER RESERVATION SYSTEM**

[54] **PROCEDE ET SYSTEME POUR MECANISME DE SYNCHRONISATION SUR SYSTEME DE RESERVATION MULTISERVEUR**

[72] MASINI, VINCENT, FR

[72] BURDESE, SAMUEL, FR

[72] PAVOT, MARC, FR

[72] DANIEL, JEROME, FR

[72] FAUSER, DIETMAR, FR

[71] AMADEUS S.A.S., FR

[85] 2013-08-13

[86] 2012-01-12 (PCT/EP2012/050418)

[87] (WO2012/123136)

[30] EP (11305278.1) 2011-03-15

[21] **2,827,245**  
[13] A1

[51] **Int.Cl. A61K 36/60 (2006.01) A61P 31/22 (2006.01)**

[25] EN

[54] **ANTIVIRAL COMPOSITION**

[54] **COMPOSITION ANTIVIRALE**

[72] THOMAS, BECKY MARY, IN

[72] SAKLANI, ARVIND, IN

[72] KAPOOR, NATASHA, IN

[72] ENOSE, ARNO APPAVOO, IN

[72] SAWANT, SATISH NAMDEO, IN

[72] KAUSHIK, RITU, IN

[72] BHOWMICK, RUPA, IN

[72] MALANI, ASHISH, IN

[71] PIRAMAL ENTERPRISES LIMITED, IN

[85] 2013-08-13

[86] 2012-02-13 (PCT/IB2012/050631)

[87] (WO2012/110932)

[30] US (61/442,883) 2011-02-15

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[21] **2,827,246**  
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01) G01N 31/22 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE DETERMINATION OF THE TOTAL ACIDITY NUMBER (TAN) OF A MINERAL INSULATING OIL**  
[54] **PROCEDE POUR LA DETERMINATION DE L'INDICE D'ACIDITE TOTAL (TAN) D'UNE HUILE ISOLANTE MINERALE**  
[72] ROGGERO, CARLO MARIA, IT  
[72] DI CARLO, STEFANO, IT  
[72] TUMIATTI, VANDER, IT  
[72] TUMIATTI, MICHELA, IT  
[71] SEA MARCONI TECHNOLOGIES DI VANDER TUMIATTI S.A.S., IT  
[85] 2013-08-13  
[86] 2012-02-28 (PCT/IB2012/050908)  
[87] (WO2012/117341)  
[30] IT (TO2011A000170) 2011-02-28

[21] **2,827,247**  
[13] A1

[51] **Int.Cl. F25J 1/00 (2006.01)**  
[25] EN  
[54] **INTEGRATED WASTE HEAT RECOVERY IN LIQUEFIED NATURAL GAS FACILITY**  
[54] **RECUPERATION DE CHALEUR PERDUE INTEGREE DANS UNE INSTALLATION POUR GAZ NATUREL LIQUEFIE**  
[72] MOCK, JON M., US  
[72] RANSBARGER, WELDON L., US  
[71] CONOCOPHILLIPS COMPANY, US  
[85] 2013-08-12  
[86] 2012-02-15 (PCT/US2012/025266)  
[87] (WO2012/112692)  
[30] US (61/443,523) 2011-02-16

[21] **2,827,250**  
[13] A1

[51] **Int.Cl. A62C 35/60 (2006.01) A62C 5/00 (2006.01) A62C 35/68 (2006.01) B01F 15/04 (2006.01) C02F 1/68 (2006.01)**  
[25] EN  
[54] **BYPASS FEEDER DEVICE**  
[54] **DISPOSITIF D'ALIMENTATION EN DERIVATION**  
[72] O'LEARY, MICHAEL JOHN, US  
[72] O'LEARY, TIM JAMES, US  
[71] HUGUENOT LABORATORIES, US  
[85] 2013-08-13  
[86] 2011-08-05 (PCT/US2011/046735)  
[87] (WO2012/021398)  
[30] US (61/372,704) 2010-08-11

[21] **2,827,251**  
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G01V 9/00 (2006.01) G06Q 50/00 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR UNCERTAINTY QUANTIFICATION IN RESERVOIR SIMULATION**  
[54] **SYSTEME ET PROCEDE DE QUANTIFICATION D'INCERTITUDE DANS UNE SIMULATION DE GISEMENT**  
[72] SARMA, PALLAV, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-08-12  
[86] 2012-02-16 (PCT/US2012/025353)  
[87] (WO2012/112736)  
[30] US (13/029,938) 2011-02-17

[21] **2,827,252**  
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G01V 9/00 (2006.01) G06Q 50/00 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MODELING A SUBTERRANEAN RESERVOIR**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE MODELISER UN RESERVOIR SOUTERRAIN**  
[72] SARMA, PALLAV, US  
[72] CHEN, WEN, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-08-12  
[86] 2012-02-16 (PCT/US2012/025357)  
[87] (WO2012/112738)  
[30] US (13/029,534) 2011-02-17

[21] **2,827,253**  
[13] A1

[51] **Int.Cl. A62B 7/14 (2006.01) A62B 9/00 (2006.01) A62B 9/02 (2006.01) B64D 10/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PROTECTING AIRCRAFT OCCUPANT AND BREATHING MASK**  
[54] **PROCEDE POUR PROTEGER UN OCCUPANT D'AERONEF ET MASQUE RESPIRATOIRE**  
[72] FROMAGE, MATTHIEU, FR  
[71] INTERTECHNIQUE, FR  
[85] 2013-08-14  
[86] 2011-09-01 (PCT/EP2011/065158)  
[87] (WO2012/116764)  
[30] IB (PCT/IB2011/000781) 2011-02-28

[21] **2,827,256**  
[13] A1

[51] **Int.Cl. E21D 9/06 (2006.01) E21D 9/08 (2006.01)**  
[25] EN  
[54] **CUTTER ASSEMBLY FOR TUNNEL BORING MACHINE WITH PRESSURE COMPENSATION**  
[54] **ENSEMBLE DE COUPE DESTINE A UN TUNNELIER DOTE D'UNE COMPENSATION DE PRESSION**  
[72] SHANAHAN, AARON J., US  
[72] SMADING, STEPHEN M., US  
[72] LANG, TIMOTHY A., US  
[72] BOX, ZACHARY J., US  
[72] KHALIGHI, BRIAN B., US  
[72] GROTHEN, BRAD D., US  
[72] LENABURG, CARL E., US  
[72] MCNEELEY, JAY M., US  
[72] KONDA, SHINICHI, US  
[71] THE ROBBINS COMPANY, US  
[85] 2013-08-12  
[86] 2012-02-16 (PCT/US2012/025478)  
[87] (WO2012/115858)  
[30] US (61/444,081) 2011-02-17

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[21] **2,827,257**  
[13] A1

[51] **Int.Cl. E04C 2/08 (2006.01) E04F 13/12 (2006.01)**  
[25] EN  
[54] **A METHOD FOR PRODUCING RECTANGULAR OR SQUARE WALL ELEMENTS FROM FLAT SHEET METAL, AND WALL ELEMENTS PRODUCED THEREWITH**  
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE PAROI RECTANGULAIRES OU CARRES EN TOLE PLATE ET ELEMENTS DE PAROI AINSI FABRIQUES**  
[72] SCHAAF, IGOR HARRY, DE  
[72] MAZURA, PAUL, DE  
[72] NICOLAI, WALTER, DE  
[72] JOCHAM, SIMON, DE  
[71] C E S CONTROL ENCLOSURE SYSTEMS GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-22 (PCT/EP2012/000766)  
[87] (WO2012/113548)  
[30] DE (10 2011 012 436.5) 2011-02-25  
[30] DE (10 2011 012 433.0) 2011-02-25  
[30] DE (10 2011 012 434.9) 2011-02-25  
[30] DE (10 2011 012 435.7) 2011-02-25

[21] **2,827,259**  
[13] A1

[51] **Int.Cl. B32B 27/10 (2006.01)**  
[25] EN  
[54] **IMPROVED COMPOSITE SYSTEM FOR PACKAGING**  
[54] **SYSTEME COMPOSITE AMELIORE POUR EMBALLAGES**  
[72] KAISIG, CARSTEN, DE  
[72] BYL, TORSTEN, DE  
[72] SCHWARTZ, ERHARD, DE  
[72] STUMPF, THOMAS, DE  
[71] DEUTSCHE SISI-WERKE BETRIEBS GMBH, DE  
[85] 2013-08-14  
[86] 2012-03-08 (PCT/EP2012/001038)  
[87] (WO2012/123085)  
[30] EP (11002043.5) 2011-03-11

[21] **2,827,260**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/03 (2006.01) A61M 27/00 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE SHUNT SYSTEM AND ASSOCIATED PRESSURE SENSORS**  
[54] **SYSTEME DE DERIVATION IMPLANTABLE ET CAPTEURS DE PRESSION ASSOCIES**  
[72] SCHMIDT, SIEGMAR, US  
[72] BYERS, CHARLES L., US  
[72] JIANG, GUANGQIANG, US  
[72] DEARDEN, BRIAN, US  
[72] GORD, JOHN, US  
[71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US  
[85] 2013-08-12  
[86] 2012-02-16 (PCT/US2012/025527)  
[87] (WO2012/112819)  
[30] US (61/443,508) 2011-02-16  
[30] US (61/443,535) 2011-02-16

[21] **2,827,261**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **6 - CYCLOBUTYL - 1, 5 - DIHYDRO - PYRAZOLO [3, 4-D] PYRIMIDIN- 4 - ONE DERIVATIVES THEIR USE AS PDE9A INHIBITORS**  
[54] **DERIVES DE 6 - CYCLOBUTYL - 1, 5 - DIHYDRO - PYRAZOLO [3, 4-D] PYRIMIDIN- 4 - ONE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PDE9A**  
[72] HEINE, NIKLAS, DE  
[72] GIOVANNINI, RICCARDO, IT  
[72] FERRARA, MARCO, IT  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/EP2012/052378)  
[87] (WO2012/110440)  
[30] EP (11154397.1) 2011-02-14  
[30] EP (PCT/EP2011/063705) 2011-08-09

[21] **2,827,263**  
[13] A1

[51] **Int.Cl. C08L 91/06 (2006.01) C04B 24/00 (2006.01) C04B 28/14 (2006.01) C08J 3/03 (2006.01)**  
[25] EN  
[54] **AQUEOUS WAX EMULSIONS HAVING REDUCED SOLIDS CONTENT FOR USE IN GYPSUM COMPOSITIONS AND BUILDING PRODUCTS**  
[54] **EMULSIONS AQUEUSES DE CIRE AYANT UNE TENEUR EN SOLIDES REDUITE DESTINEES A ETRE UTILISEES DANS DES COMPOSITIONS DE GYPSE ET DES PRODUITS DE CONSTRUCTION**  
[72] STUART, JONATHAN T., US  
[72] LYONS, CHRISTOPHER, GB  
[72] PERERA, DON INDRAJITH, AU  
[71] HENRY COMPANY LLC, US  
[85] 2013-08-13  
[86] 2011-10-20 (PCT/US2011/057160)  
[87] (WO2012/115688)  
[30] US (61/446,492) 2011-02-24

[21] **2,827,264**  
[13] A1

[51] **Int.Cl. G01V 8/10 (2006.01) G01V 3/18 (2006.01)**  
[25] EN  
[54] **WIDE DYNAMIC RANGE INTERFEROMETRIC TRANSDUCER WITH DIVERGENT BEAM**  
[54] **TRANSDUCTEUR INTERFEROMETRIQUE A LARGE GAMME DYNAMIQUE DOTE D'UN FAISCEAU DEVERGENT**  
[72] EDWARDS, CARL M., US  
[72] CARR, DUSTIN W., US  
[72] PATTERSON, STEVEN R., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-12  
[86] 2012-02-17 (PCT/US2012/025643)  
[87] (WO2012/112887)  
[30] US (61/444,419) 2011-02-18  
[30] US (13/398,333) 2012-02-16

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[21] **2,827,265**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/00 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CENTRALIZED RESERVATION CONTEXT MANAGEMENT ON MULTI-SERVER RESERVATION SYSTEM**

[54] **PROCEDE ET SYSTEME DE GESTION DE CONTEXTE DE RESERVATION CENTRALISEE SUR UN SYSTEME DE RESERVATION MULTISERVEUR**

[72] MASINI, VINCENT, FR  
[72] PAVOT, MARC, FR  
[72] FAUSER, DIETMAR, FR  
[72] DANIEL, JEROME, FR  
[71] AMADEUS S.A.S., FR  
[85] 2013-08-14  
[86] 2012-01-12 (PCT/EP2012/050419)  
[87] (WO2012/123137)  
[30] EP (11305277.3) 2011-03-15

[21] **2,827,267**  
[13] A1

[51] **Int.Cl. A61C 3/02 (2006.01)**

[25] EN

[54] **ENDODONTIC BURS, KITS, AND METHODS FOR USING ENDODONTIC BURS**

[54] **FRAISES ENDODONTIQUES, KITS ET PROCEDES D'UTILISATION DE FRAISES ENDODONTIQUES**

[72] CLARK, DAVID, US  
[72] QUIGLEY, MICHAEL, US  
[72] MILES, BRANT, US  
[71] SS WHITE BURS, INC., US  
[85] 2013-08-12  
[86] 2012-02-17 (PCT/US2012/025675)  
[87] (WO2012/112909)  
[30] US (61/444,527) 2011-02-18  
[30] US (13/160,297) 2011-06-14

[21] **2,827,268**  
[13] A1

[51] **Int.Cl. A61C 3/03 (2006.01) B06B 3/00 (2006.01)**

[25] EN

[54] **SONOTRODE FOR THE INTRODUCTION OF ULTRASONIC ENERGY**

[54] **SONOTRODE POUR LA TRANSMISSION D'ENERGIE ULTRASONORE**

[72] STOFFEL, MARCO, CH  
[72] WERNER, UWE, CH  
[71] NEXILIS AG, CH  
[85] 2013-08-14  
[86] 2012-02-02 (PCT/EP2012/051768)  
[87] (WO2012/123182)  
[30] CH (00419/11) 2011-03-11

[21] **2,827,269**  
[13] A1

[51] **Int.Cl. F02B 63/00 (2006.01) F01P 5/06 (2006.01) F02B 63/04 (2006.01) F02B 77/13 (2006.01)**

[25] EN

[54] **PACKAGED ENGINE WORKING MACHINE**

[54] **MACHINE DE TRAVAIL A MOTEUR STOCKE DANS UNE ENVELOPPE**

[72] KAWAKITA, KEISUKE, JP  
[72] KAWANO, TATSUYA, JP  
[72] ONO, MASAOKI, JP  
[71] YANMAR CO., LTD., JP  
[85] 2013-08-13  
[86] 2012-02-10 (PCT/JP2012/053111)  
[87] (WO2012/111556)  
[30] JP (2011-029796) 2011-02-15

[21] **2,827,270**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G07F 11/52 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MAKING RENTAL INVENTORY AVAILABLE FOR SALE**

[54] **SYSTEME ET PROCEDE D'OBTENTION DE STOCK DE LOCATION DISPONIBLE A LA VENTE**

[72] HOERSTEN, ERIC J., US  
[71] REDBOX AUTOMATED RETAIL, LLC, US  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/US2012/024900)  
[87] (WO2012/112457)  
[30] US (61/442,601) 2011-02-14

[21] **2,827,271**  
[13] A1

[51] **Int.Cl. C07C 25/02 (2006.01) C07C 43/205 (2006.01) C07D 307/80 (2006.01) C07F 15/00 (2006.01)**

[25] EN

[54] **PRODUCTION METHOD OF OPTICALLY ACTIVE DIHYDROBENZOFURAN DERIVATIVE**

[54] **PROCEDE DE PRODUCTION DE DERIVE DE DIHYDROBENZOFURANE OPTIQUEMENT ACTIF**

[72] YAMANO, MITSUHIKA, JP  
[72] GOTO, MITSUTAKA, JP  
[72] KAJIWARA, TAKESHI, JP  
[72] MAEDA, HIROYUKI, JP  
[72] KONISHI, TAKAHIRO, JP  
[72] SERA, MISAYO, JP  
[72] KONDO, YUICHIRO, JP  
[72] YAMASAKI, SEIJI, JP  
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/JP2012/054337)  
[87] (WO2012/111849)  
[30] JP (2011-032610) 2011-02-17

[21] **2,827,272**  
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/00 (2013.01) G10L 19/04 (2013.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR ENCODING AND DECODING AN AUDIO SIGNAL USING AN ALIGNED LOOK-AHEAD PORTION**

[54] **DISPOSITIF ET PROCEDE DE CODAGE ET DE DECODAGE D'UN SIGNAL AUDIO EN UTILISANT UNE PARTIE D'ANTICIPATION ALIGNEE**

[72] RAVELLI, EMMANUEL, DE  
[72] GEIGER, RALF, DE  
[72] SCHNELL, MARKUS, DE  
[72] FUCHS, GUILLAUME, DE  
[72] RUOPPILA, VESA, DE  
[72] BACKSTROM, TOM, DE  
[72] GRILL, BERNHARD, DE  
[72] HELMRICH, CHRISTIAN, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052450)  
[87] (WO2012/110473)  
[30] US (61/442,632) 2011-02-14

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[21] **2,827,273**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01)**  
[25] EN  
[54] **TECHNOLOGY FOR PREVENTING ABUSE OF SOLID DOSAGE FORMS**  
[54] **TECHNOLOGIE POUR PREVENIR L'ABUS DE FORMES PHARMACEUTIQUES SOLIDES**  
[72] VACHON, MICHAEL, US  
[72] RUDNIC, EDWARD M., US  
[71] QRXPHERMA LTD., AU  
[85] 2013-08-12  
[86] 2012-02-17 (PCT/US2012/025737)  
[87] (WO2012/112952)  
[30] US (61/443,966) 2011-02-17

[21] **2,827,274**  
[13] A1

[51] **Int.Cl. B32B 5/18 (2006.01) B32B 3/24 (2006.01) B32B 27/08 (2006.01) B32B 37/00 (2006.01) B32B 38/04 (2006.01)**  
[25] EN  
[54] **PERFORATED NONSLIP NON-ADHESIVE SURFACE COVERING**  
[54] **REVEITEMENT DE SURFACE ANTI-ADHERENT ET ANTIDERAPANT PERFORE**  
[72] CALKINS, MARK, US  
[71] KITTRICH CORPORATION, US  
[85] 2013-08-14  
[86] 2012-01-13 (PCT/US2012/021213)  
[87] (WO2012/097230)  
[30] US (61/432,903) 2011-01-14  
[30] US (13/022,468) 2011-02-07

[21] **2,827,275**  
[13] A1

[51] **Int.Cl. C07K 2/00 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) C07K 14/00 (2006.01)**  
[25] EN  
[54] **COPOLYMER-1, PROCESS FOR PREPARATION AND ANALYTICAL METHODS THEREOF**  
[54] **COPOLYMER-1, SON PROCEDE DE PREPARATION ET METHODES D'ANALYSE DE CELUI-CI**  
[72] SATHE, DHANANJAY GOVIND, IN  
[72] NAIDU, AVINASH VENKATRAMAN, IN  
[72] SUBRAMANIAN, SUNDARAM, IN  
[72] BHATTACHARYYA, ANINDYA SIBNATH, IN  
[72] SHEKHAWAT, RAKESH, IN  
[72] SAKSENA, DIVYA LAL, IN  
[72] SUKUMAR, RAMANUJAM, IN  
[72] PATIL, SANJAY VYANKATRAO, IN  
[71] USV LIMITED, IN  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/IN2012/000104)  
[87] (WO2012/123959)  
[30] IN (409/MUM/2011) 2011-02-14

[21] **2,827,276**  
[13] A1

[51] **Int.Cl. B32B 37/12 (2006.01) B32B 7/12 (2006.01) B32B 13/00 (2006.01) B32B 38/16 (2006.01) E04B 1/86 (2006.01) E04C 2/00 (2006.01) E04C 2/02 (2006.01) E06B 3/04 (2006.01)**  
[25] EN  
[54] **IMPROVED METHODS OF MANUFACTURING ACOUSTICAL SOUND PROOFING MATERIALS WITH OPTIMIZED FRACTURE CHARACTERISTICS**  
[54] **PROCEDES AMELIORES DE FABRICATION DE MATERIAUX D'INSONORISATION DOTES DE CARACTERISTIQUES DE FRACTURE OPTIMISEES**  
[72] TINIANOV, BRANDON D., US  
[72] SURACE, KEVIN J., US  
[72] YANEZ, ALBERT C., US  
[71] SERIOUS ENERGY, INC., US  
[85] 2013-08-14  
[86] 2012-01-20 (PCT/US2012/022073)  
[87] (WO2012/112257)  
[30] US (13/028,088) 2011-02-15

[21] **2,827,277**  
[13] A1

[51] **Int.Cl. G10L 19/06 (2013.01)**  
[25] EN  
[54] **LINEAR PREDICTION BASED CODING SCHEME USING SPECTRAL DOMAIN NOISE SHAPING**  
[54] **SYSTEME DE CODAGE BASE SUR LA PREDICTION LINEAIRE UTILISANT LA MISE EN FORME DU BRUIT DANS LE DOMAINE SPECTRAL**  
[72] MARKOVIC, GORAN, DE  
[72] FUCHS, GUILLAUME, DE  
[72] RETTELBACH, NIKOLAUS, DE  
[72] HELMRICH, CHRISTIAN, DE  
[72] SCHUBERT, BENJAMIN, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052455)  
[87] (WO2012/110476)  
[30] US (61/442,632) 2011-02-14

[21] **2,827,278**  
[13] A1

[51] **Int.Cl. H04N 7/32 (2006.01)**  
[25] EN  
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**  
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**  
[72] LIM, CHONG SOON, SG  
[72] NAING, SUE MON THET, SG  
[72] SUN, HAI WEI, SG  
[72] NISHI, TAKAHIRO, JP  
[72] SASAI, HISAO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] SUGIO, TOSHIYASU, JP  
[72] TANIKAWA, KYOKO, JP  
[72] MATSUNOBU, TORU, JP  
[72] TERADA, KENGO, JP  
[72] WAHADANIAH, VIKTOR, SG  
[71] PANASONIC CORPORATION, JP  
[85] 2013-08-13  
[86] 2012-09-07 (PCT/JP2012/005676)  
[87] (WO2013/042329)  
[30] US (61/536,219) 2011-09-19

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[13] A1

[51] **Int.Cl. A61F 5/03 (2006.01) A47G 9/00 (2006.01)**  
[25] EN  
[54] **A BREAST PROTECTIVE SYSTEM AND ORTHOSIS THEREFOR**  
[54] **SYSTEME DE PROTECTION DES SEINS ET ORTHESE ASSOCIEE**  
[72] EVANS, PAUL, AU  
[71] EVANS, PAUL, AU  
[85] 2013-08-14  
[86] 2011-03-02 (PCT/AU2011/000233)  
[87] (WO2011/106836)  
[30] US (61/309,758) 2010-03-02

[21] **2,827,281**  
[13] A1

[51] **Int.Cl. G05D 1/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE AUTONOMOUS LOCALIZATION OF A DRIVERLESS MOTORIZED VEHICLE**  
[54] **PROCEDE DE LOCALISATION AUTONOME D'UN VEHICULE MOTORISE SANS CONDUCTEUR**  
[72] LIPKOWSKI, MERTEN, DE  
[72] WOSCH, THOMAS, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2013-08-14  
[86] 2012-02-06 (PCT/EP2012/051925)  
[87] (WO2012/110343)  
[30] EP (11154607.3) 2011-02-16

[21] **2,827,282**  
[13] A1

[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/439 (2006.01) A61K 31/4995 (2006.01) A61P 31/14 (2006.01) C07D 471/22 (2006.01) C07D 498/22 (2006.01) C07D 513/18 (2006.01) C07D 515/18 (2006.01)**  
[25] EN  
[54] **MACROCYCLIC INTEGRASE INHIBITORS FOR USE IN THE TREATMENT OF FELINE IMMUNODEFICIENCY VIRUS**  
[54] **INHIBITEURS D'INTEGRASE MACROCYCLIQUES POUR UTILISATION DANS LE TRAITEMENT DU VIRUS DE L'IMMUNODEFICIENCE FELINE**  
[72] THURING, JOHANNES WILHELMUS J., US  
[71] ELANCO ANIMAL HEALTH IRELAND LIMITED, US  
[85] 2013-08-14  
[86] 2012-02-08 (PCT/US2012/024210)  
[87] (WO2012/112345)  
[30] EP (11154265.0) 2011-02-14

[21] **2,827,283**  
[13] A1

[51] **Int.Cl. H04W 88/12 (2009.01)**  
[25] EN  
[54] **A RADIO NETWORK CONTROLLER AND RADIO NETWORK CONTROLLER ASSEMBLY**  
[54] **CONTROLEUR DE RESEAU RADIO ET ENSEMBLE DE CONTROLEURS DE RESEAU RADIO**  
[72] PERSSON, BENGT, SE  
[72] WAHLMAN, STEFAN, SE  
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE  
[85] 2013-08-13  
[86] 2011-02-14 (PCT/SE2011/050157)  
[87] (WO2012/112086)

[21] **2,827,284**  
[13] A1

[51] **Int.Cl. F21V 35/00 (2006.01)**  
[25] EN  
[54] **CONTAINER CANDLE WITH ENHANCED CANDLE PERFORMANCE AND CANDLE INSERT FOR CONTAINER CANDLE**  
[54] **BOUGIE A CONTENANT PRESENTANT UNE PERFORMANCE DE BOUGIE AMELIOREE ET INSERT DE BOUGIE POUR BOUGIE A CONTENANT**  
[72] CAGLE, JOHN E., US  
[72] THOMAS, CHERIYAN B., US  
[71] THE YANKEE CANDLE COMPANY, INC., US  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/US2012/025017)  
[87] (WO2012/112523)  
[30] US (61/442,419) 2011-02-14

[21] **2,827,285**  
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/137 (2006.01) A61K 31/4174 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR NON-SURGICAL TREATMENT OF PTOSIS**  
[54] **COMPOSITIONS ET PROCEDES POUR TRAITEMENT NON CHIRURGICAL DE PTOSIS**  
[72] SILVERBERG, MARK M. D., US  
[71] VOOM, LLC, US  
[85] 2013-08-13  
[86] 2012-02-24 (PCT/US2012/026496)  
[87] (WO2012/118704)  
[30] US (61/448,949) 2011-03-03  
[30] US (13/218,584) 2011-08-26  
[30] US (13/270,577) 2011-10-11

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[21] **2,827,287**  
[13] A1

[51] **Int.Cl. G08G 1/14 (2006.01)**  
[25] EN  
[54] **PROCESS AND SYSTEM FOR DETECTING A PARTICULAR STATE OF A SPECIFIC PARKING SPACE**

[54] **PROCEDE ET SYSTEME POUR DETECTER UN ETAT PARTICULIER D'UN ESPACE DE STATIONNEMENT SPECIFIQUE**

[72] MEIER, ROGER, CH  
[72] CASTELLA, PIERRE, CH  
[71] SHOCKFISH S.A., CH  
[85] 2013-08-14  
[86] 2012-02-06 (PCT/EP2012/051932)  
[87] (WO2012/116874)  
[30] EP (11156290.6) 2011-02-28

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[21] **2,827,288**  
[13] A1

[51] **Int.Cl. C12N 5/0797 (2010.01) C12N 5/079 (2010.01) A61K 35/30 (2006.01) A61K 35/54 (2006.01) A61P 25/00 (2006.01) C12N 5/02 (2006.01)**

[25] EN  
[54] **METHODS AND COMPOSITIONS OF PRODUCING PATIENT-SPECIFIC MULTIPOTENT NEURONAL STEM CELLS**

[54] **METHODES ET COMPOSITIONS DE PRODUCTION DE CELLULES SOUCHES NEURONALES MULTIPOTENTES SPECIFIQUES D'UN PATIENT**

[72] SEMECHKIN, RUSLAN, US  
[72] ISAEV, DMITRY, US  
[71] INTERNATIONAL STEM CELL CORPORATION, US  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/US2012/025134)  
[87] (WO2012/112620)  
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[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/192 (2006.01) A61K 31/196 (2006.01) A61K 31/717 (2006.01) A61K 31/729 (2006.01) A61K 33/38 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN  
[54] **ABSORBENT DRESSINGS WITH PAINKILLING ACTIVITY**

[54] **PANSEMENTS ABSORBANTS AVEC ACTIVITE ANTIDOULEUR**

[72] PASTORELLO, ANDREA, IT  
[72] GALESSO, DEVIS, IT  
[72] BETTELLA, FABIO, IT  
[71] FIDIA FARMACEUTICI S.P.A., IT  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/EP2012/052412)  
[87] (WO2012/110456)  
[30] IT (PD2011A000043) 2011-02-15

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[21] **2,827,291**  
[13] A1

[51] **Int.Cl. B30B 1/14 (2006.01)**

[25] EN  
[54] **LIFTING DEVICE FOR A TOOL**

[54] **DISPOSITIF DE LEVAGE POUR OUTIL**

[72] VON SEGGERN, JORG, DE  
[71] JORG VON SEGGERN MASCHINENBAU GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/DE2012/000148)  
[87] (WO2012/110027)  
[30] DE (10 2011 011 560.9) 2011-02-18

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[13] A1

[51] **Int.Cl. A47J 36/24 (2006.01) A21B 1/00 (2006.01) F27D 3/16 (2006.01) F27D 7/02 (2006.01)**

[25] EN  
[54] **HOLDING OVEN**

[54] **FOUR DE MAINTIEN**

[72] REESE, ROBERT J., US  
[72] WRIGHT, JOHN EDWARD, US  
[72] TIBERIO, PHILIP, US  
[72] SHEI, STEVEN M., US  
[72] MACY, RALPH LEE, US  
[72] GREEN, CHRISTOPHER SEAY, US  
[72] STETTÉS, GREGORY GLEN, US  
[72] MARKWARDT, JEFFREY STEVEN, US  
[71] DUKE MANUFACTURING CO., US  
[85] 2013-08-13  
[86] 2012-02-15 (PCT/US2012/025284)  
[87] (WO2012/112704)  
[30] US (61/443,097) 2011-02-15  
[30] US (61/472,967) 2011-04-07  
[30] US (61/564,152) 2011-11-28

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[21] **2,827,293**  
[13] A1

[51] **Int.Cl. C10B 27/04 (2006.01) C10B 31/10 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING FILLING GAS EMISSIONS WHEN CHARGING OVEN CHAMBERS OF A COKING-OVEN BATTERY WITH SLUGS OF COMPRESSED CARBON**

[54] **PROCEDE ET DISPOSITIF SERVANT A REDUIRE DES EMISSIONS DE GAZ DE REMPLISSAGE LORS DU CHARGEMENT DE GATEAUX DE CHARBON COMPACT DANS LES CHAMBRES D'UNE BATTERIE DE FOURS A COKE**

[72] REINKE, MARTIN, DE  
[72] THIELERT, HOLGER, DE  
[72] WORBERG, RAINER, DE  
[71] THYSSENKRUPP UHDE GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-08 (PCT/EP2012/052132)  
[87] (WO2012/110380)  
[30] DE (102011000770.9) 2011-02-16

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[13] A1

[51] **Int.Cl. C07H 3/06 (2006.01) C07H 1/00 (2006.01) C07H 15/00 (2006.01)**

[25] EN

[54] **CATALYTIC HYDROGENOLYSIS OF A COMPOSITION OF A MIXTURE OF OLIGOSACCHARIDE PRECURSORS AND USES THEREOF**

[54] **HYDROGENOLYSE CATALYTIQUE D'UNE COMPOSITION D'UN MELANGE DE PRECURSEURS D'OLIGOSACCHARIDES ET SES UTILISATIONS**

[72] DEKANY, GYULA, AU  
[72] DEMKO, SANDOR, HU  
[72] SCHROVEN, ANDREAS, DE  
[72] CHAMPION, ELISE, FR  
[71] GLYCOM A/S, DK  
[85] 2013-08-14  
[86] 2012-02-21 (PCT/DK2012/050060)  
[87] (WO2012/113405)  
[30] DK (PA 2011 70092) 2011-02-21  
[30] EP (11166063.5) 2011-05-13  
[30] EP (11166137.7) 2011-05-13  
[30] EP (11166135.1) 2011-05-13

[21] **2,827,295**  
[13] A1

[51] **Int.Cl. F24J 3/08 (2006.01) F25B 30/00 (2006.01) F25B 49/00 (2006.01)**

[25] EN

[54] **CONTROL FOR GEOTHERMAL HEATING SYSTEM**

[54] **COMMANDE POUR UN SYSTEME DE CHAUFFAGE GEOTHERMIQUE**

[72] HEISE, LORNE R., CA  
[72] NEWTON, FRASER F., CA  
[72] LAMB, DAVID S., CA  
[71] HEAT-LINE CORPORATION, CA  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/CA2012/050096)  
[87] (WO2012/155258)  
[30] US (61/444,580) 2011-02-18  
[30] US (61/523,698) 2011-08-15  
[30] US (61/535,467) 2011-09-16

[21] **2,827,297**  
[13] A1

[51] **Int.Cl. B05B 7/14 (2006.01) B65G 53/28 (2006.01)**

[25] EN

[54] **POWDER PUMP FOR CONVEYING COATING POWDER**

[54] **POMPE A POUVRE POUR TRANSPORTER UNE POUVRE DE REVETEMENT**

[72] SANWALD, MARCO, CH  
[72] STAUB, THOMAS, CH  
[71] GEMA SWITZERLAND GMBH, CH  
[85] 2013-08-14  
[86] 2012-02-13 (PCT/US2012/024847)  
[87] (WO2012/112436)  
[30] DE (102011004035.8) 2011-02-14

[21] **2,827,298**  
[13] A1

[51] **Int.Cl. H04L 12/44 (2006.01)**

[25] EN

[54] **SUBSCRIBER LINE TERMINAL, CONTROL METHOD, AND CONTROL FOR PON SYSTEM**

[54] **TERMINAL A LIGNE OPTIQUE, PROCEDE DE COMMANDE, ET PROCEDE POUR COMMANDER UN SYSTEME DE RESEAU OPTIQUE PASSIF (PON)**

[72] INOUE, TORU, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2013-08-13  
[86] 2011-11-08 (PCT/JP2011/075697)  
[87] (WO2012/111200)  
[30] JP (2011-029859) 2011-02-15

[21] **2,827,299**  
[13] A1

[51] **Int.Cl. A61K 31/439 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **LIQUID PROPELLANT-FREE FORMULATION COMPRISING AN ANTIMUSCARINIC DRUG**

[54] **FORMULATION SANS PROPULSEUR LIQUIDE COMPRENANT UN MEDICAMENT ANTIMUSCARINIQUE**

[72] SOLIANI RASCHINI, ANNAMARIA, IT  
[72] LUTERO, EMILIO, IT  
[71] CHIESI FARMACEUTICI S.P.A., IT  
[85] 2013-08-14  
[86] 2012-02-13 (PCT/EP2012/052425)  
[87] (WO2012/110462)  
[30] EP (11154862.4) 2011-02-17

[21] **2,827,301**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 31/00 (2006.01) A61P 31/16 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF INFLUENZA**

[54] **COMPOSITIONS ET METHODES DE THERAPIE ET DE DIAGNOSTIC DE LA GRIPPE**

[72] GRANDEA, ANDRES G., US  
[72] KING, GORDON, US  
[72] COX, THOMAS C., US  
[72] OLSEN, OLE, US  
[72] MITCHAM, JENNIFER, US  
[72] MOYLE, MATTHEW, US  
[72] HAMMOND, PHIL, US  
[71] THERACLONE SCIENCES, INC., US  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/US2012/024971)  
[87] (WO2012/112489)  
[30] US (61/442,733) 2011-02-14

[21] **2,827,302**  
[13] A1

[51] **Int.Cl. B05B 1/34 (2006.01) B05B 5/025 (2006.01) B05B 5/053 (2006.01) B05B 5/16 (2006.01) B65D 83/14 (2006.01) B65D 83/20 (2006.01) B65D 83/30 (2006.01)**

[25] EN

[54] **AEROSOL SPRAY SYSTEM AND NOZZLE INSERT**

[54] **SYSTEME DE PULVERISATION D'AEROSOL ET INSERT DE BUSE**

[72] BALTZ, JAMES PAUL, US  
[72] BRYANT, JESSICA ROSE, US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2013-08-14  
[86] 2012-02-13 (PCT/US2012/024866)  
[87] (WO2012/112446)  
[30] US (61/442,671) 2011-02-14  
[30] US (13/357,607) 2012-01-24

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[13] A1

[51] **Int.Cl. E04C 2/00 (2006.01)**  
[25] EN  
[54] **COMPOSITE HUTCH DOOR**  
[54] **PORTE DE BAHUT COMPOSITE**  
[72] COIL, ROBERT, US  
[72] WRIGHT, TRAVIS E., US  
[71] HNI TECHNOLOGIES INC., US  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/US2012/024994)  
[87] (WO2012/112506)  
[30] US (61/442,712) 2011-02-14

[21] **2,827,304**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 45/02 (2006.01) A01P 3/00 (2006.01)**  
[25] EN  
[54] **USE OF SDHI FUNGICIDES ON CONVENTIONALLY BRED ASR-TOLERANT, STEM CANKER RESISTANT AND/OR FROG-EYE LEAF SPOT RESISTANT SOYBEAN VARIETIES**  
[54] **UTILISATION DE FONGICIDES SDHI SUR DES VARIETES DE SOJA RESISTANTES AU CHANCRE DE LA TIGE ET/OU RESISTANTES AUX TACHES OCELLES DES FEUILLES ET TOLERANTES A L'ASR CULTIVEES DE MANIERE CLASSIQUE**  
[72] GORTZ, ANDREAS, DE  
[72] RIECK, HEIKO, DE  
[72] HADANO, HIROYUKI, JP  
[71] BAYER INTELLECTUAL PORPERTY GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-13 (PCT/EP2012/052430)  
[87] (WO2012/110464)  
[30] EP (11154827.7) 2011-02-17  
[30] US (61/443,849) 2011-02-17

[21] **2,827,305**  
[13] A1

[51] **Int.Cl. G10L 19/00 (2013.01)**  
[25] EN  
[54] **NOISE GENERATION IN AUDIO CODECS**  
[54] **GENERATION DE BRUIT DANS DES CODECS AUDIO**  
[72] SETIAWAN, PANJI, DE  
[72] WILDE, STEPHAN, DE  
[72] LOMBARD, ANTHONY, DE  
[72] DIETZ, MARTIN, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-13  
[86] 2012-02-14 (PCT/EP2012/052464)  
[87] (WO2012/110482)  
[30] US (61/442,632) 2011-02-14

[21] **2,827,306**  
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**  
[25] EN  
[54] **IMPLANT FOR THE TREATMENT OF GLAUCOMA**  
[54] **IMPLANT POUR LE TRAITEMENT DU GLAUCOME**  
[72] GRIESHABER, HANS R., CH  
[72] GRIESHABER, MATTHIAS, CH  
[72] STEGMANN, ROBERT, ZA  
[71] GRIESHABER OPHTHALMIC RESEARCH FOUNDATION, CH  
[85] 2013-08-14  
[86] 2011-02-23 (PCT/EP2011/052683)  
[87] (WO2012/113450)

[21] **2,827,308**  
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**  
[25] EN  
[54] **THERMOCHROMIC COATINGS WITH RESIN VEHICLE**  
[54] **REVETEMENTS THERMOCHROMIQUES CONTENANT UN VEHICULE RESINE**  
[72] OWEN, TIMOTHY J., US  
[72] FLETCHER, KRISTIN A., US  
[71] CHROMATIC TECHNOLOGIES, INC., US  
[85] 2013-08-13  
[86] 2012-02-15 (PCT/US2012/025322)  
[87] (WO2012/112729)  
[30] US (61/443,170) 2011-02-15

[21] **2,827,309**  
[13] A1

[51] **Int.Cl. C12P 19/30 (2006.01) A23L 1/30 (2006.01) C12N 1/06 (2006.01) C12P 19/34 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A COMPOSITION CONTAINING 5'-RIBONUCLEOTIDES**  
[54] **PROCEDE POUR LA PRODUCTION D'UNE COMPOSITION CONTENANT DES 5'-RIBONUCLEOTIDES**  
[72] NOORDAM, BERTUS, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2013-08-13  
[86] 2012-02-15 (PCT/EP2012/052545)  
[87] (WO2012/110533)  
[30] EP (11154867.3) 2011-02-17  
[30] US (61/443,900) 2011-02-17

[21] **2,827,310**  
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/06 (2006.01)**  
[25] EN  
[54] **A METHOD FOR DETERMINING TARGET OPTICAL FUNCTIONS**  
[54] **PROCEDE PERMETTANT DE DETERMINER DES FONCTIONS OPTIQUES VISEES**  
[72] CONTET, AUDE, FR  
[72] DE ROSSI, HELENE, FR  
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERAL D'OPTIQUE), FR  
[85] 2013-08-13  
[86] 2012-02-17 (PCT/EP2012/052788)  
[87] (WO2012/110644)  
[30] EP (11305175.9) 2011-02-18

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[13] A1

[51] **Int.Cl. C07D 493/10 (2006.01) A61K 31/435 (2006.01) A61P 29/00 (2006.01) C07D 493/20 (2006.01) C07D 495/10 (2006.01) C07D 498/08 (2006.01)**

[25] EN

[54] **CHROMAN-SPIROCYCLIC PIPERIDINE AMIDES AS MODULATORS OF ION CHANNELS**

[54] **AMIDES DE PIPERIDINE SPIROCYCLIQUE CHROMANIQUE EN TANT QUE MODULATEURS DES CANAUX IONIQUES**

[72] HADIDA-RUAH, SARA SABINA, US  
[72] MILLER, MARK THOMAS, US  
[72] KALLEL, EDWARD ADAM, US  
[72] BEAR, BRIAN RICHARD, US  
[72] ARUMUGAM, VIJAYALAKSMI, US  
[72] DENINNO, MICHAEL PAUL, US  
[72] ZHOU, JINGLAN, US  
[72] UY, JOHNNY, US  
[72] FRIEMAN, BRYAN A., US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025374)  
[87] (WO2012/112743)  
[30] US (61/444,250) 2011-02-18  
[30] US (61/540,121) 2011-09-28

[21] **2,827,312**  
[13] A1

[51] **Int.Cl. G06F 9/54 (2006.01)**

[25] EN

[54] **MANAGING BUFFER OVERFLOW CONDITIONS**

[54] **GESTION DE CONDITIONS DE DEBORDEMENT DE MEMOIRE TAMPON**

[72] STANFILL, CRAIG W., US  
[72] FEYNMAN, CARL RICHARD, US  
[71] AB INITIO TECHNOLOGY LLC, US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025441)  
[87] (WO2012/112772)  
[30] US (13/031,034) 2011-02-18

[21] **2,827,313**  
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12N 15/52 (2006.01) C12N 15/63 (2006.01) C12P 19/04 (2006.01)**

[25] EN

[54] **BIO SYNTHESIS OF HUMAN MILK OLIGOSACCHARIDES IN ENGINEERED BACTERIA**

[54] **BIO SYNTHÈSE D'OLIGOSACCHARIDES DE LAIT HUMAIN DANS DES BACTERIES MANIPULEES**

[72] MERIGHI, MASSIMO, US  
[72] MCCOY, JOHN M., US  
[72] HEIDTMAN, MATTHEW IAN, US  
[71] GLYCOSYN LLC, US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025450)  
[87] (WO2012/112777)  
[30] US (61/443,470) 2011-02-16

[21] **2,827,314**  
[13] A1

[51] **Int.Cl. G06Q 50/02 (2012.01) G06Q 50/06 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR COLLECTING AND ANALYZING OPERATIONAL INFORMATION FROM A NETWORK OF COMPONENTS ASSOCIATED WITH A LIQUID ENERGY COMMODITY**

[54] **PROCEDE ET SYSTEME POUR COLLECTER ET ANALYSER DES DONNEES OPERATIONNELLES EN PROVENANCE D'UN RESEAU DE COMPOSANTS ASSOCIE A UNE MATIERE PREMIERE COMPRENANT DE L'ENERGIE LIQUIDE**

[72] ALPHENAAR, DEIRDRE, US  
[72] JONES, WALTER F., US  
[72] ZEIN, ABUDI, US  
[71] GENSCAPE INTANGIBLE HOLDING, INC., US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025418)  
[87] (WO2012/112759)  
[30] US (61/443,510) 2011-02-16

[21] **2,827,316**  
[13] A1

[51] **Int.Cl. E06B 9/00 (2006.01)**

[25] EN

[54] **STIFFENED PULL CORD FOR ARCHITECTURAL COVERINGS**

[54] **CORDON DE TIRAGE RENFORCE POUR DES REVETEMENTS ARCHITECTURAUX**

[72] KOVACH, JOSEPH E., US  
[72] SWISZCZ, PAUL G., US  
[71] HUNTER DOUGLAS INC., US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025507)  
[87] (WO2012/112809)  
[30] US (61/443,578) 2011-02-16  
[30] US (61/443,575) 2011-02-16  
[30] US (61/451,364) 2011-03-10  
[30] US (61/451,372) 2011-03-10

[21] **2,827,317**  
[13] A1

[51] **Int.Cl. F02B 63/04 (2006.01)**

[25] EN

[54] **ELECTRICAL GENERATOR APPARATUS, PARTICULARLY FOR USE ON A VEHICLE ROADWAY**

[54] **APPAREIL DU TYPE GENERATRICE ELECTRIQUE DESTINE EN PARTICULIER A ETRE UTILISE SUR UNE CHAUSSEE**

[72] JANG, JACK SHIHZONG, US  
[71] JANG, JACK SHIHZONG, US  
[85] 2013-08-13  
[86] 2012-02-17 (PCT/US2012/025684)  
[87] (WO2012/112917)  
[30] US (61/463,477) 2011-02-17  
[30] US (13/075,245) 2011-03-30

[21] **2,827,319**  
[13] A1

[51] **Int.Cl. G06F 11/14 (2006.01) G06F 9/48 (2006.01) G06F 9/54 (2006.01)**

[25] EN

[54] **RESTARTING DATA PROCESSING SYSTEMS**

[54] **REDEMARRAGE DE SYSTEMES DE TRAITEMENT DE DONNEES**

[72] DOUROS, BRYAN PHIL, US  
[72] WHOLEY, JOSEPH SKEFFINGTON, III, US  
[71] AB INITIO TECHNOLOGY LLC, US  
[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025424)  
[87] (WO2012/112763)  
[30] US (13/031,078) 2011-02-18

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[21] **2,827,320**  
[13] A1

[51] **Int.Cl. G06Q 20/28 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS RELATING TO BANK TRANSACTIONS, PREPAID ACCESS, PAYMENT BASED PROMOTIONS, AND PAYMENT NETWORKS**

[54] **SYSTEMES ET PROCEDES RELATIFS A DES TRANSACTIONS BANCAIRES, ACCES PREPAYE, PROMOTIONS BASEES SUR LES PAIEMENTS, ET RESEAUX DE PAIEMENT**

[72] NARGIZIAN, STEVEN, US  
[71] NARGIZIAN, STEVEN, US  
[85] 2013-08-13  
[86] 2012-02-17 (PCT/US2012/025757)  
[87] (WO2012/112968)  
[30] US (61/443,945) 2011-02-17  
[30] US (61/513,482) 2011-07-29

[21] **2,827,321**  
[13] A1

[51] **Int.Cl. G01B 11/00 (2006.01) G01N 21/00 (2006.01)**

[25] EN

[54] **VISUAL INSPECTION DEVICE**

[54] **DISPOSITIF D'EXAMEN VISUEL**

[72] SELBY, DAVID A., US  
[72] HYMA, STEVEN W., US  
[72] DICKERT, COREY J., US  
[72] SCHNEIDER, SCOTT, US  
[72] MERGENER, MATTHEW J., US  
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US

[85] 2013-08-13  
[86] 2012-02-16 (PCT/US2012/025465)  
[87] (WO2012/112786)  
[30] US (61/443,467) 2011-02-16

[21] **2,827,323**  
[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01) A62D 1/00 (2006.01) C09K 8/584 (2006.01) C10M 135/10 (2006.01) C11D 1/14 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING ALKYLALKOXY SULFONATES FOR THE PRODUCTION OF HIGH TEMPERATURE STABLE FOAMS**

[54] **COMPOSITIONS COMPRENANT DES ALKYLE ALCOXY SULFONATES POUR LA PRODUCTION DE MOUSSES STABLES A HAUTES TEMPERATURES**

[72] ALVAREZ-JURGENSON, GABRIELA, DE  
[72] OETTER, GUNTER, DE  
[72] KURKAL-SIEBERT, VANDANA, DE  
[72] REINOSO GARCIA, MARTA, DE  
[72] STEIN, STEFAN, DE  
[72] SZABO, GEZA, CA  
[71] BASF SE, DE

[85] 2013-08-13  
[86] 2012-02-23 (PCT/EP2012/053063)  
[87] (WO2012/113861)  
[30] EP (11155726.0) 2011-02-24

[21] **2,827,324**  
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01)**

[25] EN

[54] **REAL-TIME PCR POINT MUTATION ASSAYS FOR DETECTING HIV-1 RESISTANCE TO ANTIVIRAL DRUGS**

[54] **TESTS DE MUTATIONS PONCTUELLES PAR PCR EN TEMPS REEL POUR DETECTER LA RESISTANCE DU VIH-1 AUX MEDICAMENTS ANTIVIRAUX**

[72] JOHNSON, JEFFREY A., US  
[72] HENEINE, WALID M., US  
[72] LIPSCOMB, JONATHAN T., US  
[71] THE GOVERNMENT OF THE USA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL & PREVENTION, US

[85] 2013-08-13  
[86] 2012-02-17 (PCT/US2012/025638)  
[87] (WO2012/112884)  
[30] US (61/443,926) 2011-02-17

[21] **2,827,325**  
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 19/12 (2006.01)**

[25] EN

[54] **DOWNHOLE CLAMPING MECHANISM**

[54] **MECANISME DE SERRAGE DE FOND**

[72] FUHST, KARSTEN, DE  
[72] PETER, ANDREAS, DE  
[72] MOELLER, MATHIAS, DE  
[72] WEINER, CHRISTIAN, DE  
[72] MICHAEL, ULRICH, DE  
[72] BEFELD, WILLIAM, US  
[71] BAKER HUGHES INCORPORATED, US

[85] 2013-08-13  
[86] 2012-02-21 (PCT/US2012/025902)  
[87] (WO2013/126044)  
[30] US (61/444,980) 2012-02-21

[21] **2,827,326**  
[13] A1

[51] **Int.Cl. H04S 5/00 (2006.01) G10K 15/12 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR DETERMINING A MEASURE FOR A PERCEIVED LEVEL OF REVERBERATION, AUDIO PROCESSOR AND METHOD FOR PROCESSING A SIGNAL**

[54] **APPAREIL ET PROCEDE POUR DETERMINER UNE MESURE D'UN NIVEAU DE REVERBERATION PERCU, PROCESSEUR AUDIO ET PROCEDE DE TRAITEMENT D'UN SIGNAL**

[72] UHLE, CHRISTIAN, DE  
[72] PAULUS, JOUNI, DE  
[72] HERRE, JUERGEN, DE  
[72] PROKEIN, PETER, DE  
[72] HELLMUTH, OLIVER, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2013-08-13  
[86] 2012-02-24 (PCT/EP2012/053193)  
[87] (WO2012/116934)  
[30] US (61/448,444) 2011-03-02  
[30] EP (11171488.7) 2011-06-27

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[21] **2,827,327**  
[13] A1

[51] **Int.Cl. B23B 51/00 (2006.01)**  
[25] EN  
[54] **DRILL**  
[54] **FORET**  
[72] ARAI, KOICHI, JP  
[72] ARAI, GIICHI, JP  
[72] KIMURA, KATSUYO, JP  
[71] BIC TOOL CO., LTD., JP  
[85] 2013-08-13  
[86] 2012-02-06 (PCT/JP2012/052622)  
[87] (WO2012/117809)  
[30] JP (2011-046991) 2011-03-03  
[30] JP (2011-178567) 2011-08-17

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[21] **2,827,328**  
[13] A1

[51] **Int.Cl. H04L 25/03 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR BURST FORMATTING OF PRECODED EGPRS2 SUPPORTING LEGACY USER MULTIPLEXING**  
[54] **PROCEDE ET SYSTEME DE FORMATAGE DE SALVE DE SERVICE D'EGPRS2 CODE AU PREALABLE PRENANT EN CHARGE UN MULTIPLEXAGE D'UTILISATEURS PATRIMONIAUX**  
[72] BUCKLEY, MICHAEL EOIN, US  
[72] QU, SHOUXING, CA  
[72] VUTUKURI, ESWAR, GB  
[72] XIN, YAN, CA  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-08-13  
[86] 2011-02-21 (PCT/US2011/025608)  
[87] (WO2012/115617)

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[21] **2,827,329**  
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/077 (2010.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01)**  
[25] EN  
[54] **CARDIAC REPAIR BY REPROGRAMMING OF CARDIAC FIBROBLASTS INTO CARDIOMYOCYTES**  
[54] **REPARATION CARDIAQUE PAR LA REPROGRAMMATION DE FIBROBLASTES CARDIAQUES EN CARDIOMYOCYTES**  
[72] NAM, YOUNG-JAE, US  
[72] SONG, KUNHUA, US  
[72] OLSON, ERIC, US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2013-08-13  
[86] 2012-02-22 (PCT/US2012/026113)  
[87] (WO2012/116064)  
[30] US (61/445,390) 2011-02-22

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[21] **2,827,330**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**  
[25] EN  
[54] **PELVIC IMPLANT AND THERAPEUTIC AGENT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'IMPLANT PELVIEN ET D'AGENT THERAPEUTIQUE**  
[72] FRIGSTAD, JOHN R., US  
[72] DINH, THOMAS Q., US  
[72] ROLFES-MEYERING, EMILY R., US  
[71] AMS RESEARCH CORPORATION, US  
[85] 2013-08-13  
[86] 2012-02-23 (PCT/US2012/026325)  
[87] (WO2012/116182)  
[30] US (61/445,886) 2011-02-23

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[21] **2,827,331**  
[13] A1

[51] **Int.Cl. F23C 1/08 (2006.01) F23C 1/10 (2006.01) F23C 1/12 (2006.01) F23D 1/02 (2006.01) F23D 11/10 (2006.01) F23D 14/24 (2006.01) F23L 7/00 (2006.01)**  
[25] EN  
[54] **LOW NOX COMBUSTION PROCESS AND BURNER THEREFOR**  
[54] **PROCEDE DE COMBUSTION A FAIBLE EMISSION D'OXYDE D'AZOTE ET BRULEUR CORRESPONDANT**  
[72] RECOURT, PATRICK, FR  
[72] TSIAVA, REMI, FR  
[71] L'AIR LIQUIDE-SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE, FR  
[85] 2013-08-13  
[86] 2012-03-09 (PCT/EP2012/054175)  
[87] (WO2012/123382)  
[30] EP (11305294.8) 2011-03-16

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[21] **2,827,332**  
[13] A1

[51] **Int.Cl. B60P 1/00 (2006.01)**  
[25] EN  
[54] **FOLDING ASSISTING ARM ASSEMBLY FOR LIFT GATES**  
[54] **ENSEMBLE BRAS AUXILIAIRE DE PLIAGE POUR DES HAYONS**  
[72] ABLABUTYAN, KARAPET, US  
[71] MAXON INDUSTRIES, INC., US  
[85] 2013-08-13  
[86] 2012-02-23 (PCT/US2012/026366)  
[87] (WO2012/116211)  
[30] US (61/446,923) 2011-02-25

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[21] **2,827,333**  
[13] A1

[51] **Int.Cl. C08F 10/00 (2006.01) C08F 8/00 (2006.01) C08G 61/12 (2006.01) C08L 101/02 (2006.01)**

[25] EN

[54] **METHODS OF PRODUCING MONO-AND MULTI-FUNCTIONAL POLYMERS FROM TERPENE-BASED INITIATORS**

[54] **PROCEDES POUR PRODUIRE DES POLYMERES MONOFONCTIONNELS ET MULTIFONCTIONNELS A PARTIR D'INITIATEURS A BASE DE TERPENES**

[72] STOKES, CASEY D., US  
[72] CHANG, YOUNG A., US  
[72] MCDUGALL, PATRICK J., US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[85] 2013-08-13  
[86] 2012-07-06 (PCT/US2012/045667)  
[87] (WO2013/009592)  
[30] US (13/179,393) 2011-07-08

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[21] **2,827,334**  
[13] A1

[51] **Int.Cl. H01B 11/00 (2006.01) H01B 7/00 (2006.01)**

[25] EN

[54] **TRANSMISSION CABLE**

[54] **CABLE DE TRANSMISSION**

[72] TANABE, SUGURU, JP  
[71] JUNKOSHA INC., JP  
[85] 2013-08-13  
[86] 2012-02-13 (PCT/JP2012/053901)  
[87] (WO2012/120993)  
[30] JP (2011-048265) 2011-03-04

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[21] **2,827,335**  
[13] A1

[51] **Int.Cl. G10L 19/00 (2013.01)**

[25] EN

[54] **AUDIO CODEC USING NOISE SYNTHESIS DURING INACTIVE PHASES**

[54] **CODEC AUDIO UTILISANT UNE SYNTHESE DU BRUIT DURANT DES PHASES INACTIVES**

[72] SETIAWAN, PANJI, DE  
[72] SCHMIDT, KONSTANTIN, DE  
[72] WILDE, STEPHAN, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-08-14  
[86] 2012-02-14 (PCT/EP2012/052462)  
[87] (WO2012/110481)  
[30] US (61/442,632) 2011-02-14

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[21] **2,827,336**  
[13] A1

[51] **Int.Cl. A61K 31/5517 (2006.01) A61K 31/465 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **FLUMAZENIL COMPLEXES, COMPOSITIONS COMPRISING SAME AND USES THEREOF**

[54] **COMPLEXES DE FLUMAZENIL, COMPRENANT ET LEURS UTILISATIONS**

[72] AMSELEM, SHIMON, IL  
[71] COERULEUS LTD., IL  
[85] 2013-08-23  
[86] 2012-02-23 (PCT/IL2012/050060)  
[87] (WO2012/114342)  
[30] US (61/445,559) 2011-02-23

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[21] **2,827,337**  
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/00 (2006.01)**

[25] EN

[54] **COMMERCIAL SCALE PROCESS FOR PRODUCTION OF PRRSV**

[54] **PROCEDE DE PRODUCTION DE PRRSV A L'ECHELON COMMERCIAL**

[72] BERRY, ELIZABETH JANE, US  
[72] HADDADIN, FUAD TAWFIQ, US  
[72] KHAZRAEINAZMPOUR, ALI, US  
[72] KROLL, JEREMY, US  
[72] MALBURG, SONIA REGINA CANTISANO, US  
[72] SANDOVAL BASURTO, EDGAR ARNULFO, US  
[72] SCHEERER, STEPHEN, US  
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-14 (PCT/EP2012/052476)  
[87] (WO2012/110490)  
[30] US (61/444,071) 2011-02-17

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[21] **2,827,338**  
[13] A1

[51] **Int.Cl. H03M 13/29 (2006.01) H03M 13/23 (2006.01) H03M 13/27 (2006.01) H03M 13/35 (2006.01) H03M 13/45 (2006.01) H04L 1/00 (2006.01)**

[25] EN

[54] **ERROR CORRECTION ENCODING METHOD, DECODING METHOD AND ASSOCIATED DEVICES**

[54] **PROCEDE DE CODAGE DE CORRECTION D'ERREURS, PROCEDE DE DECODAGE ET DISPOSITIFS ASSOCIES**

[72] FLOREA, ALINA ALEXANDRA, FR  
[72] NGUYEN, HANG, FR  
[72] MARTINOD, LAURENT, FR  
[72] MOLKO, CHRISTOPHE, FR  
[71] CASSIDIAN SAS, FR  
[85] 2013-09-11  
[86] 2012-03-14 (PCT/EP2012/054494)  
[87] (WO2012/123511)  
[30] FR (1152106) 2011-03-15

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[21] **2,827,347**  
[13] A1

[51] **Int.Cl. H03M 13/35 (2006.01) H03M 13/29 (2006.01)**

[25] EN

[54] **ERROR CORRECTION ENCODING METHOD, DECODING METHOD AND ASSOCIATED DEVICES**

[54] **PROCEDE DE CODAGE CORRECTEUR D'ERREUR, PROCEDE DE DECODAGE ET DISPOSITIFS ASSOCIES**

[72] MEGE, PHILIPPE, FR  
[72] NGUYEN, HANG, FR  
[72] MARTINOD, LAURENT, FR  
[72] FLOREA, ALINA ALEXANDRA, FR  
[71] CASSIDIAN SAS, FR  
[85] 2013-09-11  
[86] 2012-03-14 (PCT/EP2012/054500)  
[87] (WO2012/123517)  
[30] FR (1152107) 2011-03-15

[21] **2,827,348**  
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **GENETICALLY MODIFIED PIGS FOR XENOTRANSPLANTATION OF VASCULARIZED XENOGRAFTS AND DERIVATIVES THEREOF**

[54] **COCHONS GENETIQUEMENT MODIFIES DESTINES A LA XENOTRANSPLANTATION DE XENOGREFFES VASCULARISEES ET DE DERIVES DE CELLES-CI**

[72] AYARES, DAVID, US  
[71] REVIVICOR, INC., US  
[85] 2013-08-12  
[86] 2012-02-14 (PCT/US2012/025097)  
[87] (WO2012/112586)  
[30] US (61/442,504) 2011-02-14

[21] **2,827,349**  
[13] A1

[51] **Int.Cl. B64D 11/02 (2006.01) B64D 11/04 (2006.01)**

[25] EN

[54] **MODULAR CABIN SEGMENT, CABIN FOR A VEHICLE AND VEHICLE WITH A CABIN**

[54] **SEGMENT DE CABINE MODULAIRE, CABINE DESTINEE A UN VEHICULE ET VEHICULE DOTE D'UNE CABINE**

[72] SCHLIWA, RALF, DE  
[72] STRASDAS, MARIA, DE  
[71] AIRBUS OPERATIONS GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/EP2012/052785)  
[87] (WO2012/110643)  
[30] DE (10 2011 011 704.0) 2011-02-18  
[30] US (61/444,452) 2011-02-18

[21] **2,827,350**  
[13] A1

[51] **Int.Cl. F02B 63/00 (2006.01) F01P 5/06 (2006.01) F02B 63/04 (2006.01) F02B 77/13 (2006.01)**

[25] EN

[54] **PACKAGED ENGINE WORKING MACHINE**

[54] **MACHINE DE TRAVAIL A MOTEUR DU TYPE A STOCKAGE DANS ENVELOPPE**

[72] KAWANO, TATSUYA, JP  
[72] ONO, MASAOKI, JP  
[72] KAWAKITA, KEISUKE, JP  
[71] YANMAR CO., LTD., JP  
[85] 2013-08-13  
[86] 2012-02-10 (PCT/JP2012/053110)  
[87] (WO2012/111555)  
[30] JP (2011-029794) 2011-02-15

[21] **2,827,352**  
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/36 (2006.01) C12N 1/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ACCELERATING BIOTECHNICAL REACTION AND PRODUCTION**

[54] **PROCEDE ET APPAREIL POUR ACCELERER UNE REACTION ET UNE PRODUCTION BIOTECHNOLOGIQUES**

[72] HAKALEHTO, EINO ELIAS, FI  
[71] HAKALEHTO, EINO ELIAS, FI  
[85] 2013-08-14  
[86] 2011-03-09 (PCT/FI2011/000016)  
[87] (WO2011/110731)  
[30] FI (20100110) 2010-03-10

[21] **2,827,353**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 8/08 (2009.01)**

[25] EN

[54] **METHOD FOR TRANSMITTING DATA BETWEEN TERMINALS OF WIRELESS COMMUNICATION SYSTEM, NODE, AND WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE DE TRANSMISSION DE DONNEES ENTRE LES TERMINAUX D'UN SYSTEME DE COMMUNICATION SANS FIL, NOD ET SYSTEME DE COMMUNICATION SANS FIL**

[72] KHAN, ASHIQ, DE  
[72] KUSUME, KATSUTOSHI, DE  
[72] KOZU, KAZUYUKI, DE  
[72] WEITKEMPER, PETRA, DE  
[72] TAOKA, HIDEKAZU, DE  
[71] NTT DOCOMO, INC., JP  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/EP2012/052786)  
[87] (WO2012/113728)  
[30] EP (11155243.6) 2011-02-21  
[30] EP (11158659.0) 2011-03-17

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[21] **2,827,354**  
[13] A1

[51] **Int.Cl. G01N 15/08 (2006.01) E21B 49/00 (2006.01) G01N 33/24 (2006.01) G01V 5/08 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DETERMINING FLUID MOBILITY IN ROCK SAMPLES**

[54] **SYSTEMES ET PROCEDES POUR DETERMINER LA MOBILITE D'UN FLUIDE DANS DES ECHANTILLONS DE ROCHE**

[72] MAUCEC, MARKO, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2013-09-03

[86] 2012-03-05 (PCT/US2012/027749)

[87] (WO2012/122110)

[30] US (13/040,396) 2011-03-04

[21] **2,827,357**  
[13] A1

[51] **Int.Cl. B01D 53/10 (2006.01) B01D 53/14 (2006.01) B01D 53/50 (2006.01) B01D 53/68 (2006.01) C25C 3/22 (2006.01)**

[25] EN

[54] **A DEVICE AND A METHOD OF CLEANING AN EFFLUENT GAS FROM AN ALUMINIUM PRODUCTION ELECTROLYTIC CELL**

[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE D'UN GAZ EFFLUENT PROVENANT D'UNE CELLULE ELECTROLYTIQUE DE PRODUCTION D'ALUMINIUM**

[72] BJARNO, ODD EDGAR, NO

[72] WEDDE, GEIR, NO

[71] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-08-14

[86] 2012-02-08 (PCT/IB2012/000231)

[87] (WO2012/110868)

[30] EP (11154939.0) 2011-02-18

[21] **2,827,358**  
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/00 (2009.01) H04W 4/02 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GEO-STAGING OF SENSOR DATA THROUGH DISTRIBUTED GLOBAL (CLOUD) ARCHITECTURE**

[54] **SYSTEMES ET PROCEDES POUR GEO-TRANSFERER DES DONNEES DE DETECTION VIA UNE ARCHITECTURE GLOBALE DISTRIBUEE (CLOUD)**

[72] SKAAKSRUD, OLE-PETTER, US

[72] AINSWORTH, MILEY, US

[71] FEDEX CORPORATE SERVICES, INC., US

[85] 2013-08-12

[86] 2012-02-21 (PCT/US2012/025947)

[87] (WO2012/115970)

[30] US (61/445,274) 2011-02-22

[21] **2,827,359**  
[13] A1

[51] **Int.Cl. H05K 1/18 (2006.01) H01L 23/12 (2006.01) H01L 23/58 (2006.01) H01R 13/658 (2011.01) H05K 3/46 (2006.01) H05K 9/00 (2006.01)**

[25] EN

[54] **ELECTRONIC ASSEMBLY**

[54] **ENSEMBLE ELECTRONIQUE**

[72] GREEN, RODNEY AUSTIN, AU

[72] BELLETTE, KEVIN CRAIG, AU

[72] KELLY, PERRY ARTHUR, AU

[71] MULPIN RESEARCH LABORATORIES LIMITED, AU

[85] 2013-08-09

[86] 2012-02-10 (PCT/AU2012/000123)

[87] (WO2012/106767)

[30] US (13/024,818) 2011-02-10

[21] **2,827,360**  
[13] A1

[51] **Int.Cl. F03B 11/00 (2006.01)**

[25] FR

[54] **FIN AND INSTALLATION FOR CONVERTING HYDRAULIC ENERGY COMPRISING SUCH A FIN**

[54] **AILETTE ET INSTALLATION DE CONVERSION D'ENERGIE HYDRAULIQUE COMPRENANT UNE TELLE AILETTE**

[72] VUILLEROD, GERARD, FR

[72] MAZZOUJI, FARID, FR

[72] BOMCHIL, YOANN, FR

[71] ALSTOM RENEWABLE TECHNOLOGIES, FR

[85] 2013-08-14

[86] 2012-02-27 (PCT/EP2012/053283)

[87] (WO2012/116958)

[30] FR (1151606) 2011-02-28

[21] **2,827,362**  
[13] A1

[51] **Int.Cl. B01D 47/06 (2006.01) B01D 53/14 (2006.01) B01D 53/78 (2006.01) F01N 3/04 (2006.01)**

[25] EN

[54] **A WET SCRUBBER FOR CLEANING AN EFFLUENT GAS**

[54] **EPURATEUR PAR VOIE HUMIDE POUR NETTOYER UN GAZ D'EFFLUENT**

[72] BJARNO, ODD EDGAR, NO

[71] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-08-14

[86] 2012-02-08 (PCT/IB2012/000235)

[87] (WO2012/110871)

[30] EP (11154945.7) 2011-02-18

[21] **2,827,364**  
[13] A1

[51] **Int.Cl. A62D 1/00 (2006.01)**

[25] EN

[54] **FIRE FIGHTING FOAM COMPOSITION**

[54] **COMPOSITION EN MOUSSE POUR LA LUTTE CONTRE LE FEU**

[72] ROBINET, NICOLAS, FR

[72] SMETT, CHANTAL, FR

[71] EUROSTAR BIDCO LTD, GB

[85] 2013-09-11

[86] 2011-03-11 (PCT/IB2011/001065)

[87] (WO2012/123778)



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[21] **2,827,365**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 21/83 (2013.01) G06F 3/041 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SECURE DATA ENTRY**  
[54] **SYSTEME ET PROCEDE D'ENTREE DE DONNEES SECURISEE**  
[72] LEE, CHANG, US  
[71] SOFTLAYER TECHNOLOGIES, INC., US  
[85] 2013-08-13  
[86] 2012-06-14 (PCT/US2012/042507)  
[87] (WO2013/077909)  
[30] US (13/093,141) 2011-04-25

[21] **2,827,366**  
[13] A1

[51] **Int.Cl. B65D 85/50 (2006.01) A23L 1/20 (2006.01) B65D 51/28 (2006.01)**  
[25] EN  
[54] **FERMENTED SOYBEAN CONTAINER, FERMENTED SOYBEANS IN CONTAINER AND METHOD FOR MANUFACTURING SAME**  
[54] **RECIPIENT DE SOJA FERMENTE, SOJA FERMENTE DANS UN RECIPIENT ET PROCEDE DE FABRICATION ASSOCIE**  
[72] OHIKE, MASAKI, JP  
[71] MIZKAN GROUP CORPORATION, JP  
[71] MIZKAN CO.,LTD., JP  
[85] 2013-08-14  
[86] 2012-02-10 (PCT/JP2012/053737)  
[87] (WO2012/111785)  
[30] JP (2011-032670) 2011-02-17

[21] **2,827,367**  
[13] A1

[51] **Int.Cl. B05B 5/03 (2006.01) B05B 5/10 (2006.01) B05B 12/00 (2006.01) B05B 12/08 (2006.01) G07C 3/02 (2006.01)**  
[25] EN  
[54] **CONTROL DEVICE FOR A POWDER SPRAY COATING DEVICE**  
[54] **DISPOSITIF DE COMMANDE POUR DISPOSITIF DE REVETEMENT PAR PULVERISATION DE POUDRE**  
[72] MAUCHLE, FELIX, CH  
[72] VASELLA, MARIO, CH  
[71] GEMA SWITZERLAND GMBH, CH  
[85] 2013-08-14  
[86] 2012-02-14 (PCT/US2012/024943)  
[87] (WO2012/161762)  
[30] DE (10 2011 004 024.2) 2011-02-14

[21] **2,827,368**  
[13] A1

[51] **Int.Cl. A61K 8/64 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A23L 1/30 (2006.01) A61K 38/00 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**  
[25] EN  
[54] **SKIN-BEAUTIFYING AGENT**  
[54] **AGENT EMBELLISSANT LA PEAU**  
[72] KATO, KEN, JP  
[72] UENO, HIROSHI, JP  
[72] ONO, YUKO, JP  
[72] UEDA, NORIKO, JP  
[71] MEGMILK SNOW BRAND CO., LTD., JP  
[85] 2013-08-14  
[86] 2012-03-07 (PCT/JP2012/055811)  
[87] (WO2012/121286)  
[30] JP (2011-053276) 2011-03-10

[21] **2,827,369**  
[13] A1

[51] **Int.Cl. B29C 45/06 (2006.01) B29C 45/00 (2006.01) B29C 45/14 (2006.01)**  
[25] FR  
[54] **PRESS FOR MANUFACTURING A ONE-PIECE OBJECT AND METHOD FOR USING SAID PRESS**  
[54] **PRESSE POUR FABRIQUER UN OBJET D'UN SEUL TENANT ET PROCEDE POUR UTILISER LADITE PRESSE**  
[72] BODET, HERVE, FR  
[72] FOURNET, DOMINIQUE, FR  
[71] LINDAL FRANCE SAS, FR  
[85] 2013-08-14  
[86] 2012-03-02 (PCT/EP2012/053626)  
[87] (WO2012/117092)  
[30] FR (1151733) 2011-03-03

[21] **2,827,370**  
[13] A1

[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**  
[25] EN  
[54] **METHOD FOR TRANSMITTING BROADCAST SERVICE, METHOD FOR RECEIVING A BROADCAST SERVICE, METHOD FOR RECEIVING A BROADCAST SERVICE, AND APPARATUS FOR RECEIVING A BROADCAST SERVICE**  
[54] **PROCEDE D'EMISSION D'UN SERVICE DE RADIODIFFUSION, PROCEDE DE RECEPTION D'UN SERVICE DE RADIODIFFUSION, ET APPAREIL DE RECEPTION D'UN SERVICE DE RADIODIFFUSION**  
[72] LEE, JOONHUI, KR  
[72] KIM, KWANSUK, KR  
[72] THOMAS, GOMER, US  
[72] SEO, DONGWAN, KR  
[72] KIM, SANGHYUN, KR  
[72] SUH, JONGYEUL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2013-08-13  
[86] 2012-02-15 (PCT/KR2012/001142)  
[87] (WO2012/111979)  
[30] US (61/442,812) 2011-02-15

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[21] **2,827,372**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) A61P 25/04 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN  
[54] **GLYCINE TRANSPORTER-INHIBITING SUBSTANCES**  
[54] **INHIBITEUR DE TRANSPORT DE GLYCINE**

[72] MORIYA, MINORU, JP  
[72] OHTA, HIROSHI, JP  
[72] YAMAMOTO, SHUJI, JP  
[72] ABE, KUMI, JP  
[72] ARAKI, YUKO, JP  
[72] SUN, XIANG-MIN, JP  
[72] WAKASUGI, DAISUKE, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[85] 2013-08-14  
[86] 2012-02-21 (PCT/JP2012/054110)  
[87] (WO2012/115097)  
[30] JP (2011-035169) 2011-02-21

[21] **2,827,373**  
[13] A1

[51] **Int.Cl. A61K 31/4174 (2006.01) A61K 9/00 (2006.01) A61P 17/00 (2006.01)**

[25] EN  
[54] **PHARMACEUTICAL CREAM COMPOSITIONS OF OXYMETAZOLINE FOR TREATING SYMPTOMS OF ROSACEA**  
[54] **COMPOSITIONS DE CREME PHARMACEUTIQUE A BASE D'OXYMETAZOLINE POUR LE TRAITEMENT DES SYMPTOMES DE L'ACNE ROSACEE**

[72] SHANLER, STUART D., US  
[72] POWALA, CHRISTOPHER, US  
[71] ALLERGAN, INC., US  
[85] 2013-08-14  
[86] 2012-02-14 (PCT/US2012/025068)  
[87] (WO2012/112566)  
[30] US (61/443,210) 2011-02-15

[21] **2,827,374**  
[13] A1

[51] **Int.Cl. F21L 4/00 (2006.01) A61B 19/00 (2006.01) F21V 23/00 (2006.01) H05B 37/02 (2006.01)**

[25] EN  
[54] **MEDICAL LIGHT SOURCE DEVICE**  
[54] **DISPOSITIF DE SOURCE DE LUMIERE MEDICALE**

[72] NAKAMURA, SHOICHI, JP  
[71] ACP JAPAN CO., LTD., JP  
[71] NAKAMURA, SHOICHI, JP  
[85] 2013-08-14  
[86] 2012-05-23 (PCT/JP2012/063211)  
[87] (WO2013/084521)  
[30] JP (2011-267027) 2011-12-06

[21] **2,827,375**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/861 (2006.01)**

[25] EN  
[54] **IMPROVED AAV8 VECTOR WITH ENHANCED FUNCTIONAL ACTIVITY AND METHODS OF USE THEREOF**  
[54] **VECTEUR AAV8 AMELIORE AYANT UNE ACTIVITE FONCTIONNELLE AMELIOREE ET PROCEDES D'UTILISATION ASSOCIES**

[72] WRIGHT, JOHN FRASER, US  
[72] ZELENIA, OLGA, US  
[72] HAUCK, BERND, US  
[72] MINGOZZI, FEDERICO, US  
[72] HIGH, KATHERINE A., US  
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US  
[85] 2013-08-14  
[86] 2012-02-14 (PCT/US2012/025088)  
[87] (WO2012/112578)  
[30] US (61/442,606) 2011-02-14

[21] **2,827,376**  
[13] A1

[51] **Int.Cl. C09C 1/30 (2006.01) A23L 1/035 (2006.01) C01B 33/148 (2006.01)**

[25] EN  
[54] **MODIFIED SILICA PARTICLES**  
[54] **PARTICULES DE SILICE MODIFIEE**

[72] TORNCRONA, ANDERS, SE  
[72] HOLMBERG, KRISTER, SE  
[72] BORDES, ROMAIN, SE  
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL  
[85] 2013-08-14  
[86] 2012-03-12 (PCT/EP2012/054189)  
[87] (WO2012/123386)  
[30] EP (11158141.9) 2011-03-14  
[30] US (61/452,354) 2011-03-14

[21] **2,827,377**  
[13] A1

[51] **Int.Cl. B66B 1/46 (2006.01) H01H 36/00 (2006.01)**

[25] EN  
[54] **NON-CONTACT SELECTION SWITCH**  
[54] **COMMUTATEUR DE SELECTION SANS CONTACT**

[72] YOON, IL SHIK, KR  
[71] YOON, IL SHIK, KR  
[85] 2013-08-14  
[86] 2011-11-03 (PCT/KR2011/008301)  
[87] (WO2012/111904)  
[30] KR (10-2011-0013642) 2011-02-16  
[30] KR (10-2011-0031661) 2011-04-06

[21] **2,827,379**  
[13] A1

[51] **Int.Cl. C07D 403/06 (2006.01)**

[25] EN  
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF VORICONAZOLE AND INTERMEDIATES THEREOF**  
[54] **PROCEDE AMELIORE DE PREPARATION DU VORICONAZOLE ET DE SES INTERMEDIAIRES**

[72] MAHESHWARI, NITIN, IN  
[72] MEDHANE, ROSHAN RAMESH, IN  
[72] PRASAD, MOHAN, IN  
[72] ARORA, SUDERSHAN KUMAR, IN  
[71] RANBAXY LABORATORIES LIMITED, IN  
[85] 2013-08-14  
[86] 2012-02-21 (PCT/IB2012/050791)  
[87] (WO2012/114273)  
[30] IN (433/Del/2011) 2011-02-21

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[21] **2,827,380**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01K 67/027 (2006.01) A61K 31/713 (2006.01) A61P 25/14 (2006.01) C07H 21/02 (2006.01) C12N 15/85 (2006.01)**

[25] EN  
[54] **THERAPEUTIC COMPOUNDS**  
[54] **COMPOSES THERAPEUTIQUES**  
[72] DAVIDSON, BEVERLY L., US  
[72] BOUDREAU, RYAN L., US  
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[85] 2013-08-12  
[86] 2012-02-13 (PCT/US2012/024904)  
[87] (WO2012/109667)  
[30] US (61/442,218) 2011-02-12  
[30] US (61/522,632) 2011-08-11

[21] **2,827,381**  
[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01)**

[25] EN  
[54] **DRUG DELIVERY DEVICE AND METHOD OF ASSEMBLING THE SAME**  
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET SON PROCEDE D'ASSEMBLAGE**  
[72] HELMER, MICHAEL, DE  
[72] MATTHIAS, CLAUDIA, DE  
[72] MUELLER, LUTZ, DE  
[72] RAAB, STEFFEN, DE  
[72] NOBER, PETER, DE  
[72] SHAHBAZAFAR, REZA, DE  
[72] SCHAFER, BENJAMIN, DE  
[72] ZEIMETZ, LEO, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-08-14  
[86] 2012-03-16 (PCT/EP2012/054643)  
[87] (WO2012/123565)  
[30] EP (11158645.9) 2011-03-17

[21] **2,827,382**  
[13] A1

[51] **Int.Cl. C12N 11/10 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 3/00 (2006.01) C12N 1/00 (2006.01) C12N 5/00 (2006.01) C12N 11/02 (2006.01) C12N 11/04 (2006.01)**

[25] EN  
[54] **APPARATUS AND PROCESS FOR PRODUCTION OF AN ENCAPSULATED CELL PRODUCT**  
[54] **APPAREIL ET PROCEDE POUR LA PRODUCTION D'UN PRODUIT CELLULAIRE ENCAPSULE**  
[72] BECKLER ANDERSEN, LISA, US  
[72] EVANS, JOHN H., IV, US  
[72] SINGER, CHRISTINE A., US  
[71] GEOSYNFUELS, LLC, US

[85] 2013-08-14  
[86] 2012-02-14 (PCT/US2012/025131)  
[87] (WO2012/112617)  
[30] US (13/027,267) 2011-02-14

[21] **2,827,383**  
[13] A1

[51] **Int.Cl. C12N 5/0793 (2010.01) A61K 31/7004 (2006.01) A61P 25/00 (2006.01) C12N 5/02 (2006.01)**

[25] EN  
[54] **MOLECULAR SWITCH FOR NEURONAL OUTGROWTH**  
[54] **COMMUTATEUR MOLECULAIRE POUR LA CROISSANCE NEURONALE**  
[72] FLANAGAN, JOHN G., US  
[72] SHEN, YINGJIE, US  
[72] JONES, EDITH YVONNE, GB  
[72] ARICESCU, ALEXANDRU RADU, GB

[72] COLES, CHARLOTTE HANNAH, GB  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[71] THE CHANCELLOR, MASTERS, AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB

[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025738)  
[87] (WO2012/112953)  
[30] US (61/444,620) 2011-02-18

[21] **2,827,384**  
[13] A1

[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**

[25] EN  
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING A BROADCASTING SERVICE**  
[54] **APPAREIL ET PROCEDE DE TRANSMISSION ET DE RECEPTION D'UN SERVICE DE RADIODIFFUSION**  
[72] SEO, DONGWAN, KR  
[72] KIM, KWANSUK, KR  
[72] THOMAS, GOMER, US  
[72] KIM, SANGHYUN, KR  
[72] SUH, JONGYEUL, KR  
[72] LEE, JOONHUI, KR  
[71] LG ELECTRONICS INC., KR

[85] 2013-08-14  
[86] 2012-02-15 (PCT/KR2012/001141)  
[87] (WO2012/111978)  
[30] US (61/442,813) 2011-02-15

[21] **2,827,385**  
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01)**

[25] EN  
[54] **METHODS AND APPARATUS FOR DEALING WITH MALWARE**  
[54] **PROCEDES ET APPAREIL PERMETTANT DE GERER DES PROGRAMMES MALVEILLANTS**  
[72] MORRIS, MELVYN, GB  
[72] JAROCH, JOSEPH, US  
[71] PREVX LIMITED, GB

[85] 2013-08-14  
[86] 2012-02-14 (PCT/EP2012/052497)  
[87] (WO2012/110501)  
[30] US (61/443,095) 2011-02-15

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[21] **2,827,386**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01)**

[25] EN

[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND PRODUCING METHODS THEREOF**

[54] **PLANTES PRESENTANT DES CARACTERES LIES AU RENDEMENT AMELIORES ET LEUR PROCEDE DE PRODUCTION**

[72] REUZEAU, CHRISTOPHE, FR

[72] HATZFELD, YVES, FR

[72] FRANKARD, VALERIE, BE

[71] BASF PLANT SCIENCE COMPANY GMBH, DE

[85] 2013-08-14

[86] 2012-03-01 (PCT/IB2012/050969)

[87] (WO2012/117368)

[30] US (61/447,811) 2011-03-01

[30] US (61/447,797) 2011-03-01

[30] EP (11156495.1) 2011-03-01

[30] EP (11156500.8) 2011-03-01

[30] US (61/468,616) 2011-03-29

[30] US (61/478,975) 2011-04-26

[30] EP (11163740.1) 2011-04-26

[30] EP (11172381.3) 2011-07-01

[21] **2,827,387**  
[13] A1

[51] **Int.Cl. H04N 21/2387 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR THE SEAMLESS PLAYBACK OF CONTENT**

[54] **PROCEDE ET APPAREIL DE LECTURE CONTINUE DE CONTENU**

[72] LEE, MINSOO, KR

[72] OE, CHANGHYUN, KR

[72] YANG, SEUNGRYUL, KR

[72] PARK, JANGWOONG, KR

[72] JEON, BEOMJIN, KR

[72] KIM, BYUNGJIN, KR

[71] LG ELECTRONICS INC., KR

[85] 2013-08-14

[86] 2012-02-20 (PCT/KR2012/001243)

[87] (WO2012/112011)

[30] US (61/444,773) 2011-02-20

[30] US (61/449,097) 2011-03-04

[21] **2,827,388**  
[13] A1

[51] **Int.Cl. F15B 11/02 (2006.01) F15B 11/072 (2006.01) F15B 11/13 (2006.01)**

[25] EN

[54] **HYDRAULIC-PNEUMATIC ACTUATOR**

[54] **ACTIONNEUR HYDRAULIQUE ET PNEUMATIQUE**

[72] FRANKLIN, SAMUEL JASPER, III, US

[72] TRIEBBS, VOLKER, DE

[72] GABRIEL, STEFAN, CH

[72] ZUELLIG, ROLAND, CH

[72] KLEIBER, MICHAEL CHRISTOF, CH

[71] CURTISS-WRIGHT CONTROLS, INC., US

[85] 2013-08-14

[86] 2012-02-20 (PCT/US2012/025773)

[87] (WO2012/112974)

[30] US (61/444,359) 2011-02-18

[21] **2,827,389**  
[13] A1

[51] **Int.Cl. F16K 5/06 (2006.01) F16K 31/60 (2006.01) F16K 37/00 (2006.01)**

[25] EN

[54] **BALL VALVE WITH INTEGRATED CAM OPERATED INTERNAL MICROSWITCH**

[54] **ROBINET A BILLE DOTE D'UN MICRORUPTEUR INTERNE ACTIONNE PAR CAME INTEGREE**

[72] EVATT, S. CLAY, US

[72] CHILDERS, GREGORY S., US

[71] WABTEC HOLDING CORP., US

[85] 2013-08-14

[86] 2012-02-21 (PCT/US2012/025935)

[87] (WO2012/115961)

[30] US (13/032,935) 2011-02-23

[21] **2,827,391**  
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) B32B 18/00 (2006.01) C01G 45/00 (2006.01) C01G 53/00 (2006.01) C04B 35/01 (2006.01) C23C 24/10 (2006.01) H01M 8/12 (2006.01)**

[25] EN

[54] **LAYER STRUCTURE AND USE THEREOF TO FORM A CERAMIC LAYER STRUCTURE BETWEEN AN INTERCONNECT AND A CATHODE OF A HIGH-TEMPERATURE FUEL CELL**

[54] **STRUCTURE A EMPILEMENT ET SON UTILISATION POUR FORMER UNE STRUCTURE A EMPILEMENT EN CERAMIQUE ENTRE EN INTERCONNECTEUR ET UNE CATHODE D'UNE PILE A COMBUSTIBLE HAUTE TEMPERATURE**

[72] BRANDNER, MARCO, DE

[72] SCHMID, JOHANNES, AT

[72] VENSKUTONIS, ANDREAS, AT

[72] TROFIMENKO, NIKOLAI, DE

[72] SAUCHUK, VIKTAR, DE

[72] KUSNEZOFF, MIHAILS, DE

[72] LUCKE, KARIN, DE

[72] MICHAELIS, ALEXANDER, DE

[71] PLANSEE SE, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[87] (WO2012/110516)

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[13] A1

[51] **Int.Cl. A61L 27/40 (2006.01) A61L 27/46 (2006.01) A61L 27/52 (2006.01) A61L 27/54 (2006.01)**

[25] EN

[54] **NOGGIN BLOCKING COMPOSITIONS FOR OSSIFICATION AND METHODS RELATED THERETO**

[54] **COMPOSITIONS ANTAGONISTES DE NOGGINE POUR OSSIFICATION ET PROCEDES ASSOCIES A CELLES-CI**

[72] BODEN, SCOTT D., US

[72] SANGADALA, SREEDHARA, US

[71] EMORY UNIVERSITY, US

[85] 2013-08-14

[86] 2012-02-23 (PCT/US2012/026244)

[87] (WO2012/116135)

[30] US (61/446,190) 2011-02-24

[21] **2,827,393**  
[13] A1

[51] **Int.Cl. C21B 9/10 (2006.01) C21B 9/02 (2006.01)**

[25] EN

[54] **TOP-FIRING HOT BLAST STOVE**

[54] **APPAREIL A AIR CHAUD COWPER QUI DEGAGE LA CHALEUR PAR LA PARTIE SUPERIEURE**

[72] MAEKAWA, NORIMASA, JP

[72] INOUE, KOYA, JP

[72] SHIMAZU, HIROSHI, JP

[72] KOYA, SYUNJI, JP

[72] KUNISHIGE, NAOKI, JP

[72] OHSHITA, NOBUHIRO, JP

[71] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP

[71] NS PLANT DESIGNING CORPORATION, JP

[85] 2013-08-14

[86] 2012-03-13 (PCT/JP2012/056339)

[87] (WO2012/124667)

[30] JP (2011-056238) 2011-03-15

[30] JP (2011-159258) 2011-07-20

[21] **2,827,394**  
[13] A1

[51] **Int.Cl. A62B 1/22 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR RESCUING FROM A HIGH-RISE FACILITY**

[54] **DISPOSITIF ET PROCEDE DE SAUVETAGE A PARTIR D'UNE INSTALLATION DE GRANDE HAUTEUR**

[72] KULIK, SERGEY VASILYEVICH, RU

[72] METELEV, YURY ALEKSEEVICH, RU

[71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "KOSMICHESKIE SISTEMY SPASEN IYA", RU

[71] FILATOV, ANDREY VASILYEVICH, RU

[85] 2013-08-14

[86] 2012-02-13 (PCT/RU2012/000098)

[87] (WO2012/112078)

[30] RU (2011105298) 2011-02-15

[21] **2,827,396**  
[13] A1

[51] **Int.Cl. B32B 5/28 (2006.01) B29C 70/68 (2006.01) B64C 1/00 (2006.01) B64C 3/18 (2006.01)**

[25] EN

[54] **CARBON-FIBER-REINFORCED PLASTIC STRUCTURE AND METHOD FOR PRODUCING SAME**

[54] **STRUCTURE EN PLASTIQUE RENFORCEE PAR DES FIBRES DE CARBONE, ET PROCEDE DE FABRICATION DE CELLE-CI**

[72] WAKU, HIROYUKI, JP

[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2013-08-14

[86] 2012-02-15 (PCT/JP2012/053522)

[87] (WO2012/111704)

[30] JP (2011-030883) 2011-02-16

[21] **2,827,398**  
[13] A1

[51] **Int.Cl. C07D 209/54 (2006.01) A61K 31/403 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED 3-(BIPHENYL-3-YL)-8,8-DIFLUORO-4-HYDROXY-1-AZASPIRO[4.5]DEC-3-EN-2-ONES FOR THERAPY**

[54] **3-(BIPHENYL-3-YL)-8,8-DIFLUORO-4-HYDROXY-L-AZASPIRO[4.5]DEC-3-EN-2-ONE SUBSTITUES UTILISES A DES FINS THERAPEUTIQUES**

[72] LIU, NINGSHU, DE

[72] THEDE, KAI, DE

[72] MONNING, URSULA, DE

[72] SCHOLZ, ARNE, DE

[72] HILGER, CHRISTOPH-STEPHAN, DE

[72] BOMER, ULF, DE

[72] FISCHER, REINER, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[87] (WO2012/110518)

[30] EP (11154805.3) 2011-02-17

[30] US (61/443,852) 2011-02-17

[30] DE (10 2011 080 405.6) 2011-08-04

[21] **2,827,399**  
[13] A1

[51] **Int.Cl. B66C 9/08 (2006.01)**

[25] EN

[54] **ARRANGEMENT CONSISTING OF A TRAVELLING GEAR CARRIER AND A RUNNING WHEEL BLOCK FASTENED DETACHABLY THERETO, AND INSTALLATION METHOD THEREFOR**

[54] **DISPOSITIF COMPRENANT UN SUPPORT DE CHASSIS ET UN BLOC DE ROUE DE ROULEMENT FIXE AMOVIBLE SUR CE SUPPORT, ET PROCEDE DE MONTAGE CORRESPONDANT**

[72] SCHLIERBACH-KNOBLOCH, THOMAS, DE

[72] KREISNER, RICHARD, DE

[72] JANSEN, GREGOR, DE

[71] DEMAG CRANES & COMPONENTS GMBH, DE

[85] 2013-08-14

[86] 2012-04-12 (PCT/EP2012/056681)

[87] (WO2012/140143)

[30] DE (10 2011 002 044.6) 2011-04-14

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[13] A1

[51] **Int.Cl. A61H 23/02 (2006.01) A61H 1/00 (2006.01) A63B 23/035 (2006.01)**

[25] EN

[54] **VIBRATION UNIT FOR MUSCULOSKELETAL VIBRATION SYSTEM FOR JOINTED LIMBS**

[54] **UNITE DE VIBRATION DESTINEE A UN SYSTEME DE VIBRATION MUSCULO-SQUELETTIQUE DE MEMBRES ARTICULES**

[72] LEISMER, JEFFREY M., US

[72] SAHAR, NADDER DAVID, US

[71] WISYS TECHNOLOGY FOUNDATION, INC., US

[85] 2013-08-14

[86] 2012-02-15 (PCT/US2012/025296)

[87] (WO2012/112711)

[30] US (61/443,037) 2011-02-15

[21] **2,827,401**  
[13] A1

[51] **Int.Cl. A61K 35/00 (2006.01)**

[25] EN

[54] **AGENTS AND MECHANISMS FOR TREATING HYPERCHOLESTEROLEMIA**

[54] **AGENTS ET MECANISMES DE TRAITEMENT DE L'HYPERCHOLESTEROLEMIE**

[72] GUPTA, SMITI VAID, US

[72] MARTINEZ, ENRIQUE, II, US

[72] SARKAR, FAZLUL H., US

[72] CALLEWAERT, DENIS M., US

[72] GEAMANU, ANDREEA, US

[72] PATRIE, KEVIN MICHAEL, US

[72] THOMAS, TIFFANY CAPRI, US

[72] DAHL, ANDREW A., US

[71] HEALTH ENHANCEMENT PRODUCTS, INC., US

[85] 2013-08-14

[86] 2011-02-22 (PCT/US2011/025713)

[87] (WO2011/103569)

[30] US (61/306,591) 2010-02-22

[30] US (61/311,838) 2010-03-09

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[13] A1

[51] **Int.Cl. G01L 3/10 (2006.01) G01L 25/00 (2006.01)**

[25] FR

[54] **METHOD FOR CALIBRATING A TORQUEMETER**

[54] **PROCEDE DE CALIBRATION D'UN COUPLEMETRE A TORSION**

[72] HAEHNER, EDGAR, FR

[71] TURBOMECA, FR

[85] 2013-08-14

[86] 2012-02-23 (PCT/FR2012/050383)

[87] (WO2012/117187)

[30] FR (1151682) 2011-03-02

[21] **2,827,404**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/11 (2006.01) A61F 2/08 (2006.01)**

[25] EN

[54] **SUTURE MESH AND METHOD OF USE**

[54] **MAILLE DE SUTURE ET SON PROCEDE D'UTILISATION**

[72] KUMAR, AVINASH, US

[71] KUMAR, AVINASH, US

[85] 2013-08-14

[86] 2012-02-24 (PCT/US2012/026605)

[87] (WO2012/116319)

[30] US (61/446,540) 2011-02-25

[21] **2,827,405**  
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01)**

[25] EN

[54] **MITIGATION OF ODOR IN CLEANING MACHINES AND CLEANING PROCESSES**

[54] **REDUCTION DES ODEURS DANS LES MACHINES DE NETTOYAGE ET LES PROCEDES DE NETTOYAGE**

[72] MCHATTON, SARAH C., US

[72] WILLIAMS, I. MICHELLE, US

[72] PENALOZA-VAZQUEZ, ALEJANDRO, US

[71] NOVOZYMES BIOLOGICALS, INC., US

[71] NOVOZYMES NORTH AMERICA, INC., US

[85] 2013-08-14

[86] 2012-02-15 (PCT/US2012/025303)

[87] (WO2012/112718)

[30] US (61/443,055) 2011-02-15

[21] **2,827,406**  
[13] A1

[51] **Int.Cl. H04W 36/00 (2009.01) H04W 36/22 (2009.01) H04W 92/20 (2009.01)**

[25] EN

[54] **PROCEDURE FOR FORMULATING A SIGNAL TO INTERFERENCE PLUS NOISE RATIO**

[54] **PROCEDURE DESTINEE A FORMULER UN RAPPORT SIGNAL SUR INTERFERENCE PLUS BRUIT**

[72] BONTU, CHANDRA S., CA

[72] CAI, ZHIJUN S., US

[72] YU, YI, US

[72] SONG, YI, US

[72] FONG, MO-HAN, CA

[72] HU, ROSE, US

[71] BLACKBERRY LIMITED, CA

[85] 2013-08-14

[86] 2011-05-31 (PCT/US2011/038559)

[87] (WO2012/112185)

[30] US (61/443,389) 2011-02-16

[21] **2,827,407**  
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01)**

[25] EN

[54] **WASTE TREATMENT**

[54] **TRAITEMENT DE DECHETS**

[72] STEIN, ROLF, GB

[72] CHAPMAN, CHRIS, GB

[71] ADVANCED PLASMA POWER LIMITED, GB

[85] 2013-08-14

[86] 2011-03-21 (PCT/GB2011/000393)

[87] (WO2011/114118)

[30] GB (1004684.5) 2010-03-19

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[13] A1

[51] **Int.Cl. H01F 1/26 (2006.01) H01F 1/24 (2006.01) H01F 41/02 (2006.01)**  
[25] EN  
[54] **IRON BASE SOFT MAGNETIC POWDER FOR POWDER MAGNETIC CORES, FABRICATION METHOD FOR SAME, AND POWDER MAGNETIC CORE**  
[54] **POUDRE MAGNETIQUE DOUCE A BASE DE FER DESTINEE A UN NOYAU MAGNETIQUE EN POUDRE, SON PROCEDE DE FABRICATION ET NOYAU MAGNETIQUE EN POUDRE**  
[72] MITANI, HIROYUKI, JP  
[72] OHWAKI, TAKESHI, JP  
[72] HOJO, HIROFUMI, JP  
[72] NISHIDA, SATOSHI, JP  
[72] TANIGUCHI, YUJI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP  
[85] 2013-08-14  
[86] 2011-03-11 (PCT/JP2011/055837)  
[87] (WO2012/124032)

[21] **2,827,410**  
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01) B60N 2/42 (2006.01) B61D 33/00 (2006.01)**  
[25] EN  
[54] **PLINTH-MOUNTED SEAT ASSEMBLY AND MOUNTING SUB-ASSEMBLIES**  
[54] **ENSEMBLE SIEGE MONTE SUR PLINTHE ET SOUS-ENSEMBLES DE MONTAGE**  
[72] BECHTOLD, DONALD, US  
[72] FRY, TIMOTHY E., US  
[72] PENLEY, JAMES R., US  
[72] NIELD, P.E. GREGORY, US  
[72] PEARCE, MARC F., US  
[71] BE AEROSPACE, INC., US  
[85] 2013-08-14  
[86] 2012-03-14 (PCT/US2012/029019)  
[87] (WO2012/125692)  
[30] US (61/452,788) 2011-03-15

[21] **2,827,411**  
[13] A1

[51] **Int.Cl. A63F 9/08 (2006.01)**  
[25] EN  
[54] **SLAT ANGLE AND SPACING STABILIZATION FOR FACE-PRINTED, TILTED-SLAT PUZZLE**  
[54] **STABILISATION D'ANGLE ET D'ESPACEMENT DE LAMELLES POUR CASSE-TETE A FACES IMPRIMEES ET LAMELLES INCLINEES**  
[72] WEINREICH, STEPHEN, D., US  
[71] WEINREICH, STEPHEN, D., US  
[85] 2013-08-14  
[86] 2011-12-28 (PCT/US2011/067453)  
[87] (WO2012/092308)  
[30] US (61/460,259) 2010-12-29  
[30] US (61/462,491) 2011-02-03  
[30] US (13/337,778) 2011-12-27

[21] **2,827,413**  
[13] A1

[51] **Int.Cl. G01V 3/26 (2006.01) E21B 47/00 (2012.01) G01V 3/34 (2006.01)**  
[25] EN  
[54] **CORRECTION OF DEEP AZIMUTHAL RESISTIVITY MEASUREMENTS FOR BENDING**  
[54] **CORRECTION DE MESURES DE RESISTIVITE AZIMUTALE DE FOND SERVANT A DETERMINER UNE FLEXION**  
[72] RABINOVICH, MICHAEL B., US  
[72] TABAROVSKY, LEONTY A., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-14  
[86] 2012-03-15 (PCT/US2012/029268)  
[87] (WO2012/129058)  
[30] US (61/454,865) 2011-03-21  
[30] US (13/420,269) 2012-03-14

[21] **2,827,417**  
[13] A1

[51] **Int.Cl. C10G 45/00 (2006.01)**  
[25] EN  
[54] **HYDROPROCESSING METHODS UTILIZING CARBON OXIDE-TOLERANT CATALYSTS**  
[54] **PROCEDES D'HYDROTRAITEMENT UTILISANT CATALYSEURS TOLERANT L'OXYDE DE CARBONE**  
[72] ROSS, APRIL DENISE, US  
[72] HALBERT, THOMAS RISHER, US  
[72] NOVAK, WILLIAM J., US  
[72] GREELEY, JOHN PETER, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2013-08-14  
[86] 2012-03-21 (PCT/US2012/029868)  
[87] (WO2012/129257)  
[30] US (61/454,776) 2011-03-21  
[30] US (13/424,683) 2012-03-20

[21] **2,827,414**  
[13] A1

[51] **Int.Cl. F16C 19/54 (2006.01)**  
[25] EN  
[54] **AXIAL-RADIAL ROLLER BEARING, IN PARTICULAR FOR MOUNTING ROTOR BLADES ON A WIND-POWER PLANT**  
[54] **PALIER A ROULEMENTS AXIAUX-RADIAUX, EN PARTICULIER POUR LE MONTAGE DE PALES DE ROTOR SUR UNE EOLIENNE**  
[72] HANDRECK, THOMAS, DE  
[71] THYSSENKRUPP ROTHE ERDE GMBH, DE  
[85] 2013-08-14  
[86] 2012-02-16 (PCT/EP2012/052680)  
[87] (WO2012/110595)  
[30] DE (10 2011 000 769.5) 2011-02-16

[21] **2,827,415**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **SAFETY NEEDLE ASSEMBLY**  
[54] **ENSEMBLE D'AIGUILLE DE SECURITE**  
[72] GONZALES, LAURENCE, PH  
[72] KAGAYA, SATOSHI, JP  
[71] TERUMO KABUSHIKI KAISHA, JP  
[85] 2013-08-14  
[86] 2012-02-10 (PCT/JP2012/053136)  
[87] (WO2012/111560)  
[30] JP (2011-028075) 2011-02-14

[21] **2,827,417**  
[13] A1

[51] **Int.Cl. C10G 45/00 (2006.01)**  
[25] EN  
[54] **HYDROPROCESSING METHODS UTILIZING CARBON OXIDE-TOLERANT CATALYSTS**  
[54] **PROCEDES D'HYDROTRAITEMENT UTILISANT CATALYSEURS TOLERANT L'OXYDE DE CARBONE**  
[72] ROSS, APRIL DENISE, US  
[72] HALBERT, THOMAS RISHER, US  
[72] NOVAK, WILLIAM J., US  
[72] GREELEY, JOHN PETER, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
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[51] <b>Int.Cl. A61N 1/372 (2006.01)</b> [25] EN [54] <b>SYSTEM FOR COMMUNICATING WITH IMPLANTABLE MEDICAL DEVICES USING A BRIDGE DEVICE</b>	[51] <b>Int.Cl. B60W 10/10 (2012.01) F16H 61/47 (2010.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) B60W 30/18 (2012.01) F16H 37/08 (2006.01) F16H 47/04 (2006.01)</b> [25] EN [54] <b>PTO TRANSMISSION SYSTEM IN AN AGRICULTURAL OR INDUSTRIAL VEHICLE AND METHOD OF OPERATING THEREOF</b>	[51] <b>Int.Cl. B60W 10/10 (2012.01) F16H 61/47 (2010.01) B60K 17/28 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) B60W 30/18 (2012.01) F16H 37/08 (2006.01) F16H 47/04 (2006.01)</b> [25] EN [54] <b>PTO TRANSMISSION SYSTEM IN AN AGRICULTURAL OR INDUSTRIAL VEHICLE AND METHOD OF OPERATING THEREOF</b>
[54] <b>SYSTEME DE COMMUNICATION AVEC DES DISPOSITIFS MEDICAUX IMPLANTABLES A L'AIDE D'UN DISPOSITIF PASSERELLE</b>	[54] <b>SYSTEME DE TRANSMISSION DE PRISE DE FORCE DANS UN VEHICULE AGRICOLE OU INDUSTRIEL ET SON PROCEDE DE FONCTIONNEMENT</b>	[54] <b>SYSTEME DE TRANSMISSION DE PRISE DE FORCE DANS UN VEHICULE AGRICOLE OU INDUSTRIEL ET SON PROCEDE DE FONCTIONNEMENT</b>
[72] TAHMASIAN, SAMUEL, US [72] AGHASSIAN, DANIEL, US [72] ACKERMANN, DOUGLAS MICHAEL, US [72] HYUN, JOONHU, US [72] ZOTTOLA, DENNIS RALPH, US [71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US	[72] HUBER, CHRISTIAN, AT [72] MORSELLI, RICCARDO, IT [72] POSSELIUS, JOHN H., US [71] CNH ITALIA S.P.A., IT	[72] HUBER, CHRISTIAN, AT [72] MORSELLI, RICCARDO, IT [72] POSSELIUS, JOHN H., US [71] CNH ITALIA S.P.A., IT
[85] 2013-08-14 [86] 2012-02-16 (PCT/US2012/025345) [87] (WO2012/154247) [30] US (61/444,842) 2011-02-21 [30] US (13/372,177) 2012-02-13	[85] 2013-08-14 [86] 2012-02-16 (PCT/EP2012/052721) [87] (WO2012/110616) [30] IT (TO2011A000136) 2011-02-17	[85] 2013-08-14 [86] 2012-02-16 (PCT/EP2012/052722) [87] (WO2012/110617) [30] IT (TO2011A000136) 2011-02-17
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[51] <b>Int.Cl. B60W 10/10 (2012.01) F16H 61/47 (2010.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) B60W 30/18 (2012.01) F16H 37/08 (2006.01) F16H 47/04 (2006.01)</b> [25] EN [54] <b>PTO TRANSMISSION SYSTEM IN AN AGRICULTURAL OR INDUSTRIAL VEHICLE AND METHOD OF OPERATING THEREOF</b>	[51] <b>Int.Cl. A61L 2/22 (2006.01)</b> [25] EN [54] <b>MULTI-PHASE DECONTAMINATION OF AIRCRAFT CABIN INTERIOR</b>	[51] <b>Int.Cl. H04W 36/00 (2009.01)</b> [25] EN [54] <b>UE MEASUREMENT PROCEDURE IN A HETEROGENEOUS MOBILE NETWORK</b>
[54] <b>SYSTEME DE TRANSMISSION DE PRISE DE FORCE DANS UN VEHICULE AGRICOLE OU INDUSTRIEL ET SON PROCEDE DE FONCTIONNEMENT</b>	[54] <b>DECONTAMINATION MULTI-PHASE DE L'INTERIEUR D'UNE CABINE D'AERONEF</b>	[54] <b>PROCEDURE DE MESURE D'EQUIPEMENT UTILISATEUR DANS UN RESEAU MOBILE HETEROGENE</b>
[72] HUBER, CHRISTIAN, AT [72] MORSELLI, RICCARDO, IT [72] POSSELIUS, JOHN H., US [71] CNH ITALIA SPA, IT	[72] PELTZ, LEORA, US [72] PARK, SHAWN H., US [72] KUHN, JOHN E., US [71] THE BOEING COMPANY, US	[72] BONTU, CHANDRA, CA [72] CAI, ZHIJUN S., US [72] YU, YI, US [72] SONG, YI, US [72] FONG, MO-HAN, CA [72] HU, ROSE, US [71] BLACKBERRY LIMITED, CA
[85] 2013-08-14 [86] 2012-02-16 (PCT/EP2012/052720) [87] (WO2012/110615) [30] IT (TO2011A000136) 2011-02-17	[85] 2013-08-14 [86] 2012-03-27 (PCT/US2012/030678) [87] (WO2012/148610) [30] US (13/095,563) 2011-04-27	[85] 2013-08-14 [86] 2011-05-31 (PCT/US2011/038554) [87] (WO2012/112184) [30] US (61/443,389) 2011-02-16



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[21] **2,827,428**  
[13] A1

[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/00 (2012.01) G01V 3/38 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR FORMATION RESISTIVITY MEASUREMENTS IN OIL-BASED MUD USING A FLOATING REFERENCE SIGNAL**

[54] **APPAREIL ET PROCEDURE PERMETTANT DE MESURER LA RESISTIVITE D'UNE FORMATION DANS UNE BOUE A BASE D'HUILE AU MOYEN D'UN SIGNAL DE REFERENCE FLOTTANT**

[72] TABAROVSKY, LEONTY A., US  
[72] FORGANG, STANISLAV W., US  
[71] BAKER HUGHES INCORPORATED, US

[85] 2013-08-14  
[86] 2012-03-30 (PCT/US2012/031424)  
[87] (WO2012/135607)  
[30] US (61/469,920) 2011-03-31

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[21] **2,827,429**  
[13] A1

[51] **Int.Cl. G06F 19/20 (2011.01) G06F 19/10 (2011.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C12N 9/12 (2006.01)**

[25] EN

[54] **POLYMERASE PREFERENCE INDEX**

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[72] HAN, JIAN, US  
[71] CB BIOTECHNOLOGIES, INC., US

[85] 2013-08-15  
[86] 2012-01-19 (PCT/US2012/021917)  
[87] (WO2012/100089)  
[30] US (61/434,402) 2011-01-19

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[21] **2,827,430**  
[13] A1

[51] **Int.Cl. B66C 1/66 (2006.01) B66C 1/10 (2006.01)**

[25] EN

[54] **IMPROVED CONTAINER CRANE**

[54] **PORTIQUE A CONTENEUR AMELIORE**

[72] MILLS, ROBERT ARTHUR, GB  
[72] TONG, ZHANMIN, SG  
[72] NG, GHEE HUA, SG  
[71] NSL ENGINEERING PTE LTD, SG

[85] 2011-09-23  
[86] 2010-03-19 (PCT/SG2010/000105)  
[87] (WO2010/110745)  
[30] SG (200902082-7) 2009-03-24

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[21] **2,827,431**  
[13] A1

[51] **Int.Cl. A23K 1/14 (2006.01) A23K 1/08 (2006.01) A23K 1/10 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A23P 1/12 (2006.01) A23L 1/31 (2006.01) A23L 1/317 (2006.01)**

[25] EN

[54] **PET FOOD COMPOSITION**

[54] **COMPOSITION D'ALIMENT POUR ANIMAUX DE COMPAGNIE**

[72] LIND, ANITA, US  
[72] BASTIAN, ERIC, US  
[72] GRIFFIN, GREGG, US  
[72] WILLARD, THOMAS, US  
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE

[85] 2013-08-15  
[86] 2012-01-23 (PCT/US2012/022273)  
[87] (WO2012/100269)  
[30] US (61/435,343) 2011-01-23

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[21] **2,827,432**  
[13] A1

[51] **Int.Cl. A23L 3/00 (2006.01) A23K 3/00 (2006.01) A23P 1/04 (2006.01) A23P 1/08 (2006.01) A61K 9/14 (2006.01) A61K 9/48 (2006.01) B01J 13/04 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING PRODUCTS COMPRISING STABILISED ACTIVES AND COMPOSITIONS COMPRISING SAME**

[54] **PROCEDURE POUR LA PREPARATION DE PRODUITS COMPRENANT DES ACTIFS STABILISES ET COMPOSITIONS LES COMPRENANT**

[72] KO, SAI YING, CN  
[71] KO, SAI YING, CN

[85] 2013-08-14  
[86] 2011-02-18 (PCT/AU2011/000173)  
[87] (WO2012/109694)

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[21] **2,827,434**  
[13] A1

[51] **Int.Cl. E03F 1/00 (2006.01) E03C 1/12 (2006.01) E03C 1/126 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR INCREASING HYDRAULIC CAPACITY OF AN EXISTING SEWER**

[54] **APPAREIL ET PROCEDURE D'ACCROISSEMENT DE LA CAPACITE HYDRAULIQUE D'UN EGOUT EXISTANT**

[72] HASSETT, ALAN F., US  
[71] THE WHITE OAK PARTNERSHIP, LP, US

[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025561)  
[87] (WO2012/112838)  
[30] US (61/463,456) 2011-02-17

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[21] **2,827,435**  
[13] A1

[51] **Int.Cl. A61K 31/4468 (2006.01) A61K 9/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR CONTROLLING PAIN IN CANINES USING A TRANSDERMAL SOLUTION OF FENTANYL**  
[54] **PROCEDE DE LUTTE CONTRE LA DOULEUR DANS DES CANINES A L'AIDE D'UNE SOLUTION TRANSDERMIQUE DE FENTANYL**  
[72] NEWBOUND, GARRET CONRAD, US  
[72] CLARK, TERRENCE PATRICK, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2013-08-15  
[86] 2012-02-08 (PCT/US2012/024218)  
[87] (WO2012/112348)  
[30] US (61/442,884) 2011-02-15

[21] **2,827,436**  
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01)**  
[25] EN  
[54] **HOT BEVERAGE CONTAINER ASSEMBLY, INSERT, AND METHOD**  
[54] **ENSEMBLE RECEPIENT POUR BOISSON CHAUDE, GARNITURE ET PROCEDE**  
[72] SAVENOK, PAVEL, US  
[71] SAVENOK, PAVEL, US  
[85] 2013-08-14  
[86] 2012-02-15 (PCT/US2012/000091)  
[87] (WO2012/112228)  
[30] US (12/932,010) 2011-02-16  
[30] US (61/516,023) 2011-03-28

[21] **2,827,438**  
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01)**  
[25] EN  
[54] **LUBRICANTS WITH GOOD TBN RETENTION**  
[54] **LUBRIFIANTS POSSEDANT UNE BONNE RETENTION DU TBN**  
[72] DAVIES, MARK C., GB  
[72] COOK, STEPHEN, GB  
[72] MAYHEW, ALEXANDRA, GB  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/US2012/025203)  
[87] (WO2012/112658)  
[30] US (61/443,792) 2011-02-17

[21] **2,827,439**  
[13] A1

[51] **Int.Cl. F27B 3/19 (2006.01) F27D 27/00 (2010.01) B01F 13/08 (2006.01) C21C 5/52 (2006.01) F27B 3/04 (2006.01) F27D 3/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR INDUCING FLOW IN A MOLTEN MATERIAL**  
[54] **APPAREIL DE DECLENCHEMENT D'ECOULEMENT DE MATIERE EN FUSION**  
[72] GUEST, GRAHAM, GB  
[71] SOLIOS THERMAL LTD., GB  
[85] 2013-08-14  
[86] 2012-02-27 (PCT/GB2012/050435)  
[87] (WO2012/120276)  
[30] GB (1103986.4) 2011-03-09

[21] **2,827,440**  
[13] A1

[51] **Int.Cl. B60C 27/10 (2006.01)**  
[25] EN  
[54] **ANTI SLIP DEVICE FOR A WHEEL AND A METHOD FOR MOUNTING THE ANTI SLIP DEVICE**  
[54] **DISPOSITIF D'ANTIPATINAGE POUR UNE ROUE ET PROCEDE DE MONTAGE DU DISPOSITIF D'ANTIPATINAGE**  
[72] NERI, MARCO, IT  
[72] FARINA, LUIGI, IT  
[72] NECCHI, STAFANO, IT  
[71] THULE SWEDEN AB, SE  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/EP2012/052709)  
[87] (WO2012/110609)  
[30] EP (11154659.4) 2011-02-16  
[30] EP (11184536.8) 2011-10-10

[21] **2,827,442**  
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01)**  
[25] EN  
[54] **SURGICAL PROBE WITH INCREASED FLUID FLOW**  
[54] **SONDE CHIRURGICALE AVEC DEBIT DE FLUIDE AUGMENTE**  
[72] AULD, JACK ROBERT, US  
[72] MCDONELL, BRIAN WILLIAM, US  
[71] ALCON RESEARCH, LTD., US  
[85] 2013-08-14  
[86] 2012-01-12 (PCT/US2012/021010)  
[87] (WO2012/154226)  
[30] US (13/036,401) 2011-02-28

[21] **2,827,443**  
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) C12N 1/00 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC COMPOSITIONS AND METHODS FOR ANTIBODY AND FC-CONTAINING TARGETING MOLECULE-BASED TARGETED DELIVERY OF BIOACTIVE MOLECULES BY BACTERIAL MINICELLS**  
[54] **COMPOSITIONS THERAPEUTIQUES ET PROCEDES D'ADMINISTRATION CIBLEE DE MOLECULES BIOACTIVES PAR DES MINICELULES BACTERIENNES BASEE SUR DES MOLECULES DE CIBLAGE CONTENANT UN FRAGMENTFC ET DES ANTICORPS**  
[72] GIACALONE, MATTHEW, US  
[72] NEWMAN, MICHAEL J., US  
[71] VAXIION THERAPEUTICS, INC., US  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/US2012/025272)  
[87] (WO2012/112696)  
[30] US (61/442,999) 2011-02-15  
[30] US (61/526,219) 2011-08-22

[21] **2,827,445**  
[13] A1

[51] **Int.Cl. H01S 3/067 (2006.01) H01S 3/094 (2006.01) H01S 3/16 (2006.01) H01S 3/00 (2006.01) H01S 3/23 (2006.01)**  
[25] FR  
[54] **HIGH-POWER OPTICAL FIBRE LASER**  
[54] **LASER A FIBRE OPTIQUE DE FORTE PUISSANCE**  
[72] LAROCHE, MATHIEU, FR  
[72] GILLES, HERVE, FR  
[72] GIRARD, SYLVAIN, FR  
[72] ROBIN, THIERRY, FR  
[72] CADIER, BENOIT, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] IXFIBER, FR  
[85] 2013-08-15  
[86] 2012-02-14 (PCT/FR2012/050319)  
[87] (WO2012/110739)  
[30] FR (1151237) 2011-02-15

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[13] A1

[51] **Int.Cl. C07C 405/00 (2006.01) A61K 8/42 (2006.01) A61Q 7/00 (2006.01)**

[25] EN

[54] **ESTER DERIVATIVES OF BIMATOPROST COMPOSITIONS AND METHODS**

[54] **DERIVES ESTER DE COMPOSITIONS DE BIMATOPROST ET METHODES**

[72] WOODWARD, DAVID F., US  
[72] WANG, JENNY W., US  
[72] GARST, MICHAEL E., US  
[72] BURK, ROBERT M., US  
[72] GAC, TODD S., US  
[72] POLOSO, NEIL J., US  
[71] ALLERGAN, INC., US  
[85] 2013-08-14  
[86] 2012-02-13 (PCT/US2012/024881)  
[87] (WO2012/112451)  
[30] US (61/442,400) 2011-02-14

[21] **2,827,448**  
[13] A1

[51] **Int.Cl. C07C 29/80 (2006.01) B01J 19/18 (2006.01) C07C 31/08 (2006.01)**

[25] EN

[54] **PROCESS AND SYSTEM FOR PRODUCING ETHANOL FROM A BYPRODUCT OF AN ETHANOL PRODUCTION FACILITY**

[54] **PROCEDE ET SYSTEME DE PRODUCTION D'ETHANOL A PARTIR DE SOUS-PRODUIT D'INSTALLATION DE PRODUCTION D'ETHANOL**

[72] BROTHERRSON, TRAVIS, US  
[71] QUAD COUNTY CORN PROCESSORS, US  
[85] 2013-08-14  
[86] 2012-01-12 (PCT/US2012/021086)  
[87] (WO2012/112241)  
[30] US (13/026,613) 2011-02-14  
[30] US (13/238,969) 2011-09-21

[21] **2,827,452**  
[13] A1

[51] **Int.Cl. B60J 1/14 (2006.01)**

[25] FR

[54] **DEVICE FOR ATTACHING GLAZING THAT CAN BE OPENED BY TURNING, GLAZING AND METHOD OF MANUFACTURING THE GLAZING**

[54] **DISPOSITIF DE FIXATION D'UN VITRAGE OUVRABLE PAR ROTATION, VITRAGE ET PROCEDE DE FABRICATION DU VITRAGE.**

[72] GRANDGIRARD, BASTIEN, FR  
[72] COUTELLIER, NICOLAS, FR  
[72] HUCHET, GERARD, FR  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2013-08-15  
[86] 2012-03-13 (PCT/FR2012/050521)  
[87] (WO2012/123674)  
[30] FR (1152030) 2011-03-14

[21] **2,827,447**  
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) B01D 11/02 (2006.01) C02F 1/26 (2006.01) C11B 1/02 (2006.01) C11B 1/10 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12N 1/12 (2006.01) C12N 5/00 (2006.01) C12P 1/00 (2006.01) C12P 7/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR LEACH EXTRACTION OF MICROORGANISMS**

[54] **COMPOSITIONS ET PROCEDES POUR L'EXTRACTION DE MICRO-ORGANISMES PAR LIXIVIATION**

[72] CROWELL, RICHARD, US  
[72] MACHACEK, MARK T., US  
[72] BUNCH, STEPHEN TODD, US  
[72] GERTENBACH, DENNIS, US  
[71] SOLIX BIOSYSTEMS, INC., US  
[85] 2013-08-14  
[86] 2012-02-16 (PCT/US2012/025442)  
[87] (WO2012/112773)  
[30] US (61/443,336) 2011-02-16

[21] **2,827,449**  
[13] A1

[51] **Int.Cl. B65D 19/00 (2006.01) B60P 1/28 (2006.01)**

[25] EN

[54] **AN OIL SANDS TRUCK BODY**

[54] **BENNE DE CAMION DE SABLES BITUMINEUX**

[72] HAGENBUCH, LEROY G., US  
[71] HAGENBUCH, LEROY G., US  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/US2012/025319)  
[87] (WO2012/112727)  
[30] US (61/443,158) 2011-02-15  
[30] US (61/560,901) 2011-11-17

[21] **2,827,453**  
[13] A1

[51] **Int.Cl. C07C 31/38 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING FLUORINATED DIOLS**

[54] **PROCEDE DE SYNTHESE DE DIOLS FLUORES**

[72] MAZZELL, PAUL, JR., US  
[72] PAVRI, NEVILLE, US  
[72] SWINSON, JOEL, US  
[71] HALOCARBON PRODUCTS CORPORATION, US  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/US2012/025396)  
[87] (WO2012/112751)  
[30] US (61/443,297) 2011-02-16

[21] **2,827,451**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) B23P 17/04 (2006.01)**

[25] EN

[54] **EXTRUSION-RESISTANT SEALS FOR EXPANDABLE TUBULAR ASSEMBLY**

[54] **JOINTS RESISTANTS A L'EXTRUSION POUR ENSEMBLE TUBULAIRE EXTENSIBLE**

[72] REINHARDT, PAUL ANDREW, US  
[72] TURLEY, ROCKY A., US  
[72] LIRETTE, BRENT J., US  
[72] LE, HUY V., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-08-14  
[86] 2012-02-16 (PCT/US2012/025508)  
[87] (WO2013/002848)  
[30] US (13/029,022) 2011-02-16

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[21] **2,827,454**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR EXTRACTION AND ANALYSIS OF INPATIENT AND OUTPATIENT ENCOUNTERS FROM ONE OR MORE HEALTHCARE RELATED INFORMATION SYSTEMS**  
[54] **PROCEDE ET SYSTEME D'EXTRACTION ET D'ANALYSE D'ENTRETIENS AVEC DES PATIENTS HOSPITALISES ET EXTERNES A PARTIR D'UN OU DE PLUSIEURS SYSTEMES D'INFORMATION DE SANTE**  
[72] DELANEY, CONOR, US  
[72] STULBERG, JONAH, US  
[71] UNIVERSITY HOSPITALS OF CLEVELAND, US  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/US2012/025421)  
[87] (WO2012/112761)  
[30] US (61/443,853) 2011-02-17

[21] **2,827,455**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A PEMETREXED SALT**  
[54] **PROCEDE POUR LA PRODUCTION D'UN SEL DE PEMETREXED**  
[72] CHEN, SHANGHONG, TW  
[72] LIN, HUANGHSIUNG, TW  
[71] SCINOPHARM TAIWAN LTD, TW  
[85] 2013-08-14  
[86] 2011-03-25 (PCT/SG2011/000122)  
[87] (WO2012/134392)

[21] **2,827,456**  
[13] A1

[51] **Int.Cl. H04B 13/02 (2006.01)**  
[25] EN  
[54] **UNDERWATER CONNECTOR ARRANGEMENT**  
[54] **DISPOSITIF DE CONNECTEUR SUBAQUATIQUE**  
[72] BOKENFOHR, MARK, NO  
[72] CIAMULSKI, TOMASZ, NO  
[71] WISUB AS, NO  
[85] 2013-08-15  
[86] 2012-02-20 (PCT/EP2012/052873)  
[87] (WO2012/113757)  
[30] NO (20110292) 2011-02-21

[21] **2,827,457**  
[13] A1

[51] **Int.Cl. B32B 15/08 (2006.01) B32B 15/02 (2006.01) B32B 27/20 (2006.01) B32B 15/18 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01) C08J 5/04 (2006.01) C08K 7/06 (2006.01)**  
[25] EN  
[54] **FORMABLE LIGHT WEIGHT COMPOSITE MATERIAL SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES CONCERNANT UN MATERIAU COMPOSITE LEGER, POUVANT ETRE MIS EN FORME**  
[72] MIZRAHI, SHIMON, IL  
[72] NARKIS, MOSHE, IL  
[71] PRODUCTIVE RESEARCH LLC, US  
[85] 2013-08-15  
[86] 2011-02-15 (PCT/US2011/024829)  
[87] (WO2011/100734)  
[30] US (61/304,640) 2010-02-15  
[30] US (61/371,360) 2010-08-06  
[30] US (61/377,599) 2010-08-27  
[30] US (61/387,164) 2010-09-28

[21] **2,827,458**  
[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01) E21B 4/06 (2006.01)**  
[25] EN  
[54] **BORING MACHINE**  
[54] **FOREUSE**  
[72] IN, SUK SHIN, KR  
[71] IN, SUK SHIN, KR  
[85] 2013-08-14  
[86] 2012-02-20 (PCT/KR2012/001281)  
[87] (WO2012/112016)  
[30] KR (10-2011-0014587) 2011-02-18

[21] **2,827,460**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) B23P 17/04 (2006.01) E21B 43/10 (2006.01)**  
[25] EN  
[54] **STAGE TOOL**  
[54] **OUTIL ETAGE**  
[72] TURLEY, ROCKY A., US  
[72] LIRETTE, BRENT J., US  
[72] LE, HUY V., US  
[72] GIVENS, GEORGE, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-08-14  
[86] 2012-02-16 (PCT/US2012/025531)  
[87] (WO2012/112823)  
[30] US (13/029,022) 2011-02-16  
[30] US (61/563,016) 2011-11-22

[21] **2,827,461**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHOD OF PREDICTING THE EVOLUTION OF A PATIENT SUFFERING OF STROKE**  
[54] **PROCEDE DE PREVISION DE L'EVOLUTION D'UN PATIENT SOUFFRANT D'UN ACCIDENT CEREBRO-VASCULAIRE**  
[72] MONTANER VILLALONGA, JOAN, ES  
[72] ROSELL NOVEL, ANNA, ES  
[72] NAVARRO SOBRINO, MIRIAM, ES  
[71] INSTITUT DE RECERCA HOSPITAL UNIVERSITARI VALL D'HEBRON, ES  
[85] 2013-08-15  
[86] 2012-02-20 (PCT/EP2012/052876)  
[87] (WO2012/113760)  
[30] EP (11382047.6) 2011-02-22

[21] **2,827,462**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) B23P 17/04 (2006.01) E21B 43/10 (2006.01)**  
[25] EN  
[54] **ANCHORING SEAL**  
[54] **JOINT D'ANCRAGE**  
[72] TURLEY, ROCKY A., US  
[72] GIVENS, GEORGE, US  
[72] LIRETTE, BRENT J., US  
[72] LE, HUY V., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-08-14  
[86] 2012-02-16 (PCT/US2012/025533)  
[87] (WO2012/112825)  
[30] US (13/029,022) 2011-02-16  
[30] US (61/563,016) 2011-11-22

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[21] **2,827,463**  
[13] A1

[51] **Int.Cl. A23C 9/12 (2006.01) A23C 9/13 (2006.01) A23C 9/156 (2006.01) A23C 9/20 (2006.01) A23C 21/00 (2006.01) A23J 1/20 (2006.01)**

[25] EN

[54] **MILK-BASED PRODUCT AND A METHOD FOR ITS PREPARATION**

[54] **PRODUIT A BASE DE LAIT ET SON PROCEDE DE PREPARATION**

[72] TIKANMAKI, REETTA, FI  
[72] TOSSAVAINEN, OLLI, FI  
[72] HARJU, MATTI, FI  
[72] HEINO, ANTTI, FI  
[71] VALIO LTD, FI  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/FI2012/050152)  
[87] (WO2012/110705)  
[30] FI (20115156) 2011-02-18

[21] **2,827,464**  
[13] A1

[51] **Int.Cl. C08G 59/50 (2006.01) C08J 5/04 (2006.01)**

[25] EN

[54] **PRODUCTION METHOD FOR OBTAINING FIBER-REINFORCED COMPOSITE MATERIAL, AND EPOXY RESIN COMPOSITION USED THEREIN**

[54] **PROCEDE DE PRODUCTION PERMETTANT L'OBTENTION D'UN MATERIAU COMPOSITE RENFORCE DE FIBRES ET COMPOSITION DE RESINE EPOXY UTILISEE DANS LE CADRE DUDIT PROCEDE**

[72] USHIYAMA, HISAYA, JP  
[72] FUKUHARA, YASUHIRO, JP  
[72] KOGA, KAZUKI, JP  
[72] SANO, TOMOO, JP  
[72] MITANI, KAZUTAMI, JP  
[71] MITSUBISHI RAYON CO., LTD., JP  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/JP2012/053691)  
[87] (WO2012/111764)  
[30] JP (2011-030646) 2011-02-16

[21] **2,827,466**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR PROVIDING UPDATED CONTENT IN A USER INTERFACE**

[54] **PROCEDES ET APPAREIL PERMETTANT DE FOURNIR UN CONTENU MIS A JOUR DANS UNE INTERFACE UTILISATEUR**

[72] ABELLERA, SUZANNE, US  
[72] CHEN, LI, US  
[72] AGGARWAL, ANKUR, US  
[72] CHIRIYANKANDATH, CIPSON JOSE, US

[71] BLACKBERRY LIMITED, CA  
[85] 2013-08-15  
[86] 2011-02-18 (PCT/US2011/025503)  
[87] (WO2012/112164)

[21] **2,827,467**  
[13] A1

[51] **Int.Cl. H01S 5/02 (2006.01)**

[25] EN

[54] **LOW INDUCTANCE LASER DIODE BAR MOUNT**

[54] **MONTURE POUR BARRE DE DIODES LASER A FAIBLE INDUCTANCE**

[72] DEMERS, LOUIS, CA  
[72] GODIN, JACQUES, CA  
[72] GRENIER, MARTIN, CA  
[71] OBZERV TECHNOLOGIES INC., CA  
[85] 2013-09-06  
[86] 2012-05-07 (PCT/CA2012/050298)  
[87] (WO2012/151694)  
[30] US (61/484,297) 2011-05-10

[21] **2,827,468**  
[13] A1

[51] **Int.Cl. B23K 26/08 (2006.01) B23K 26/36 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MACHINING A WORKPIECE BY MEANS OF A LASER BEAM**

[54] **PROCEDE D'USINAGE PAR FAISCEAU LASER D'UNE PIECE**

[72] KOCH, MARTIN, DE  
[72] WISCHMANN, STEFAN, DE  
[72] BLUMENSAAT, ERWIN, DE  
[71] THYSSENKRUPP STEEL EUROPE AG, DE

[85] 2013-08-15  
[86] 2012-03-23 (PCT/EP2012/055213)  
[87] (WO2012/130758)  
[30] DE (10 2011 001 710.0) 2011-03-31

[21] **2,827,469**  
[13] A1

[51] **Int.Cl. F21S 13/00 (2006.01) H01L 33/50 (2010.01) H01L 33/64 (2010.01) F21K 2/00 (2006.01) F21V 7/22 (2006.01)**

[25] EN

[54] **LIGHT-EMITTING DIODE SOURCE OF WHITE LIGHT WITH A REMOTE PHOSPHOR CONVERTER**

[54] **SOURCE DE LUMIERE BLANCHE A DIODES LUMINEUSES DOTEE D'UN CONVERTISSEUR DISTANT PHOTOLUMINESCENT**

[72] ULASYUK, VLADIMIR NIKOLAEVICH, RU  
[71] ULASYUK, VLADIMIR NIKOLAEVICH, RU  
[71] ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "NAUCHO-PROIZVODSTVENNAYA KOMMERCHESKAY A FIRMA "ELTAN LTD", RU

[85] 2013-08-15  
[86] 2012-01-23 (PCT/RU2012/000025)  
[87] (WO2012/112073)  
[30] RU (2011105809) 2011-02-17

[21] **2,827,470**  
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/55 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **TRANSDERMAL DELIVERY SYSTEM CONTAINING GALANTAMINE OR SALTS THEREOF**

[54] **ADMINISTRATION TRANSDERMIQUE CONTENANT DE LA GALANTAMINE OU SES SELS**

[72] CHOI, HOO-KYUN, KR  
[72] CHUN, MYUNG-KWAN, KR  
[71] INDUSTRY-ACADEMIC COOPERATION FOUNDATION, CHOSUN UNIVERSITY, KR

[85] 2013-08-15  
[86] 2012-02-17 (PCT/KR2012/001186)  
[87] (WO2012/111996)  
[30] KR (10-2011-0014530) 2011-02-18

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[21] **2,827,471**  
[13] A1

[51] **Int.Cl. C09K 15/18 (2006.01) F17D 1/16 (2006.01) C09K 8/52 (2006.01)**

[25] EN

[54] **ANTI-AGGLOMERATE GAS HYDRATE INHIBITORS FOR USE IN PETROLEUM AND NATURAL GAS SYSTEMS**

[54] **INHIBITEURS D'HYDRATES DE GAZ ANTI-AGGLOMERAT DESTINES A ETRE UTILISES DANS LES SYSTEMES DE PETROLE ET DE GAZ NATUREL**

[72] CONKLE, CURTIS, US

[72] RUSSUM, JAMES, US

[72] DURHAM, DANNY, US

[71] MULTI-CHEM GROUP, LLC, US

[85] 2013-08-15

[86] 2011-09-26 (PCT/US2011/053284)

[87] (WO2013/048365)

[21] **2,827,472**  
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01)**

[25] EN

[54] **LUBRICATING COMPOSITION AND METHOD OF LUBRICATING DRIVELINE DEVICE**

[54] **COMPOSITION LUBRIFIANTE ET PROCEDE DE LUBRIFICATION D'UN DISPOSITIF DE TRANSMISSION**

[72] BARTON, WILLIAM R. S., GB

[71] THE LUBRIZOL CORPORATION, US

[85] 2013-08-15

[86] 2012-02-15 (PCT/US2012/025159)

[87] (WO2012/112635)

[30] US (61/443, 329) 2011-02-16

[21] **2,827,474**  
[13] A1

[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/7048 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **C-4" POSITION SUBSTITUTED MACROLIDE DERIVATIVE**

[54] **DERIVE DE MACROLIDE SUBSTITUE EN POSITION C-4"**

[72] SUGIMOTO, TOMOHIRO, JP

[72] SASAMOTO, NAOKI, JP

[72] KUROSAKA, JUN, JP

[72] HAYASHI, MASATO, JP

[72] YAMAMOTO, KANAKO, JP

[72] KASHIMURA, MASATO, JP

[72] USHIKI, YASUNOBU, JP

[72] OGITA, HARUHISA, JP

[72] MIURA, TOMOAKI, JP

[72] KANEMOTO, KENICHI, JP

[72] KUMURA, KOU, JP

[72] YOSHIDA, SATOSHI, JP

[72] TAMURA, KEIJI, JP

[72] SHITARA, EIKI, JP

[71] TAISHO PHARMACEUTICAL CO., LTD., JP

[71] MEIJI SEIKA PHARMA CO., LTD., JP

[85] 2013-08-15

[86] 2012-02-20 (PCT/JP2012/054677)

[87] (WO2012/115256)

[30] JP (2011-034578) 2011-02-21

[21] **2,827,476**  
[13] A1

[51] **Int.Cl. A61F 5/448 (2006.01) A61F 5/445 (2006.01)**

[25] EN

[54] **OSTOMY BARRIER SEAL**

[54] **JOINT D'ETANCHEITE BARRIERE POUR STOMIE**

[72] ABRAMS, GILBERT L., US

[71] BENSON TURTLENECK BARRIER, LLC, US

[85] 2013-08-15

[86] 2011-12-26 (PCT/US2011/067317)

[87] (WO2012/092228)

[30] US (61/460,093) 2010-12-27

[30] US (61/463,109) 2011-02-14

[30] US (13/337,077) 2011-12-24

[21] **2,827,477**  
[13] A1

[51] **Int.Cl. B60W 10/30 (2006.01) B60W 20/00 (2006.01)**

[25] EN

[54] **HYDRAULIC SYSTEM AND METHOD FOR A HYBRID VEHICLE**

[54] **PROCEDE ET SYSTEME HYDRAULIQUE POUR UN VEHICULE HYBRIDE**

[72] LONG, CHARLES F., US

[72] TAYLOR, CHARLES T., US

[71] ALLISON TRANSMISSION, INC., US

[85] 2013-08-15

[86] 2012-02-16 (PCT/US2012/025451)

[87] (WO2012/112778)

[30] US (61/443,750) 2011-02-17

[21] **2,827,478**  
[13] A1

[51] **Int.Cl. G06F 21/62 (2013.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR IDENTIFYING COMPROMISED PERSONALLY IDENTIFIABLE INFORMATION ON THE INTERNET**

[54] **SYSTEME ET PROCEDES PERMETTANT D'IDENTIFIER DES INFORMATIONS D'IDENTIFICATION PERSONNELLE COMPROMISES SUR INTERNET**

[72] GOTTSCHALK, HAROLD E., JR., US

[72] CALDWELL, MICHAEL, US

[72] CARLETON, JOEL, US

[71] CSIDENTITY CORPORATION, US

[85] 2013-08-15

[86] 2012-02-16 (PCT/US2012/025456)

[87] (WO2012/112781)

[30] US (61/444,433) 2011-02-18

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[21] **2,827,479**  
[13] A1

[51] **Int.Cl. H04N 21/61 (2011.01) H04N 21/258 (2011.01) H04N 21/436 (2011.01) H04N 21/482 (2011.01) H04N 21/658 (2011.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PROGRAM AND STREAM CONTROL OF VIDEO TO TARGET DEVICE**

[54] **PROCEDE ET SYSTEME POUR LA PROGRAMMATION ET LA COMMANDE DE FLUX D'UNE VIDEO DESTINEE A UN DISPOSITIF CIBLE**

[72] KANOJIA, CHAITANYA, US  
[72] LIPOWSKI, JOSEPH THADDEUS, US  
[71] AEREO, INC., US  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025658)  
[87] (WO2012/112896)  
[30] US (61/444,427) 2011-02-18

[21] **2,827,480**  
[13] A1

[51] **Int.Cl. C10M 129/32 (2006.01) C10M 129/40 (2006.01) C10M 129/76 (2006.01) C10M 133/16 (2006.01)**

[25] EN

[54] **METHOD OF LUBRICATING A DRIVELINE DEVICE**

[54] **PROCEDE DE LUBRIFICATION D'UN DISPOSITIF D'ORGANE DE TRANSMISSION**

[72] BARTON, WILLIAM R.S., GB  
[72] HUSTON, MICHAEL E., US  
[72] BAKER, MARK R., US  
[72] BROWN, GARETH, GB  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/US2012/025189)  
[87] (WO2012/112648)  
[30] US (61/443,335) 2011-02-16

[21] **2,827,481**  
[13] A1

[51] **Int.Cl. A61M 29/00 (2006.01)**

[25] EN

[54] **INFLATABLE MEDICAL DEVICES**

[54] **DISPOSITIFS MEDICAUX GONFLABLES**

[72] TILSON, ALEXANDER Q., US  
[72] DREYER, PAUL J., US  
[72] BARHAM, MITCHELL C., US  
[72] SCHEEFF, MARK C., US  
[72] LOVE, CHARLES S., US  
[72] GOMES, GARRETT J., US  
[72] KURNIAWAN, JONATHAN, US  
[71] LOMA VISTA MEDICAL, INC., US  
[85] 2013-08-15  
[86] 2012-01-18 (PCT/US2012/021753)  
[87] (WO2012/099979)  
[30] US (61/433,896) 2011-01-18  
[30] US (61/486,720) 2011-05-16

[21] **2,827,482**  
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01) G10L 21/04 (2013.01)**

[25] EN

[54] **SPEECH DECODER, SPEECH ENCODER, SPEECH DECODING METHOD, SPEECH ENCODING METHOD, SPEECH DECODING PROGRAM, AND SPEECH ENCODING PROGRAM**

[54] **CODEUR DE LA PAROLE, CODEUR DE LA PAROLE, PROCEDE DE DECODAGE DE LA PAROLE, PROCEDE DE CODAGE DE LA PAROLE, PROGRAMME DE DECODAGE DE LA PAROLE ET PROGRAMME DE CODAGE DE LA PAROLE**

[72] KIKUIRI, KEI, JP  
[72] YAMAGUCHI, ATSUSHI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/JP2012/053700)  
[87] (WO2012/111767)  
[30] JP (2011-033917) 2011-02-18  
[30] JP (2011-215591) 2011-09-29

[21] **2,827,483**  
[13] A1

[51] **Int.Cl. A47G 9/10 (2006.01) A61B 5/107 (2006.01) G01B 3/20 (2006.01) G01N 3/40 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO THE SUPPLY OF PILLOWS, AND A DEVICE FOR USE THEREIN**

[54] **AMELIORATIONS APPORTEES OU ASSOCIEES A LA FOURNITURE D'OREILLERS, ET DISPOSITIF UTILISE**

[72] BAJWA, KULWINDER, GB  
[71] BAJWA, KULWINDER, GB  
[85] 2013-08-15  
[86] 2012-02-14 (PCT/GB2012/000152)  
[87] (WO2012/110761)  
[30] GB (1102626.7) 2011-02-15  
[30] GB (1105219.8) 2011-03-29

[21] **2,827,485**  
[13] A1

[51] **Int.Cl. A43B 13/20 (2006.01) A43B 3/00 (2006.01) A43B 7/14 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO FOOTWEAR**

[54] **PERFECTIONNEMENTS A OU RELATIFS A UN ARTICLE CHAUSSANT**

[72] LINDSAY, LESLIE, GB  
[72] THOMAS, ROLF LEWIS, GB  
[71] THE DIABETIC BOOT COMPANY LIMITED, GB  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/GB2012/000156)  
[87] (WO2012/110763)  
[30] GB (1102637.4) 2011-02-15  
[30] GB (1104459.1) 2011-03-16

[21] **2,827,486**  
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/02 (2006.01) A61L 15/28 (2006.01)**

[25] EN

[54] **WOUND STASIS DRESSING FOR LARGE SURFACE WOUNDS**

[54] **PANSEMENT HEMOSTATIQUE DESTINE A DE LARGES BLESSURES SUPERFICIELLES**

[72] BAROFSKY, ANDREW, US  
[71] BAROFSKY, ANDREW, US  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/US2012/025488)  
[87] (WO2012/112797)  
[30] US (61/443,520) 2011-02-16  
[30] US (61/525,036) 2011-08-18

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[21] **2,827,487**  
[13] A1

[51] **Int.Cl. G01R 33/09 (2006.01)**  
[25] EN  
[54] **MAGNETIC SENSOR DEVICE**  
[54] **DISPOSITIF A CAPTEUR**  
**MAGNETIQUE**  
[72] OGOMI, TOMOKAZU, JP  
[72] ASANO, HIROYUKI, JP  
[72] SHOJI, TOSHIAKI, JP  
[72] MUSHI, TAKESHI, JP  
[72] INOUE, JIN, JP  
[72] OKADA, MASAOKI, JP  
[72] KAGANO, MIKI, JP  
[72] MAKABE, KAZUYA, JP  
[72] SHIMOHATA, KENJI, JP  
[72] KISHIMOTO, TAKESHI, JP  
[71] MITSUBISHI ELECTRIC  
CORPORATION, JP  
[85] 2013-08-15  
[86] 2012-05-11 (PCT/JP2012/062126)  
[87] (WO2012/157558)  
[30] JP (2011-109628) 2011-05-16  
[30] JP (2012-077356) 2012-03-29

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[21] **2,827,488**  
[13] A1

[51] **Int.Cl. A61K 31/4468 (2006.01) A61K**  
**9/00 (2006.01) A61K 47/10 (2006.01)**  
**A61K 47/14 (2006.01)**  
[25] EN  
[54] **METHODS FOR CONTROLLING**  
**PAIN IN EQUINES USING A**  
**TRANSDERMAL SOLUTION OF**  
**FENTANYL**  
[54] **METHODES DE REGULATION DE**  
**LA DOULEUR CHEZ LES**  
**EQUIDES AU MOYEN D'UNE**  
**SOLUTION TRANSDERMIQUE DE**  
**FENTANYL**  
[72] MARR, AMY LOUISE, US  
[72] MOUZIN, DOUGLAS EUGENE, US  
[72] OWENS, JANE GRANVILLE, US  
[72] RIGGS, KARI LYNETTE, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2013-08-15  
[86] 2012-02-08 (PCT/US2012/024252)  
[87] (WO2012/112355)  
[30] US (61/442,878) 2011-02-15

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[21] **2,827,489**  
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01) A47C**  
**31/00 (2006.01) A61G 7/05 (2006.01)**  
**A61L 2/16 (2006.01) B29C 73/10**  
**(2006.01) B68G 7/12 (2006.01)**  
[25] EN  
[54] **ADHESIVE PATCH AND METHOD**  
**OF USING THE SAME**  
[54] **PIECE ADHESIVE ET PROCEDE**  
**D'UTILISATION DE CELUI-CI**  
[72] COLLINS, THOMAS, CA  
[72] URQUHART, MICHAEL DREW, CA  
[72] POTTER, BARBARA JEANNE  
LACOSTE, CA  
[72] SCHACTER, JEFFREY MILES, CA  
[72] BURNAND, SEAN PETER, CA  
[72] LAM, IWAIN, CA  
[72] FOGEL, BRUCE STEWART, CA  
[71] SURFACE MEDICAL INC., CA  
[85] 2013-08-15  
[86] 2012-03-05 (PCT/CA2012/000195)  
[87] (WO2012/119227)  
[30] US (61/449,389) 2011-03-04

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[21] **2,827,490**  
[13] A1

[51] **Int.Cl. E21B 17/01 (2006.01) B23P**  
**11/00 (2006.01) E21B 17/00 (2006.01)**  
**E21B 23/00 (2006.01) E21B 47/00**  
**(2012.01) F16L 9/14 (2006.01) F16L**  
**55/00 (2006.01)**  
[25] EN  
[54] **CONDUIT ASSEMBLY AND**  
**METHOD OF MAKING AND**  
**USING SAME**  
[54] **ENSEMBLE CONDUITE ET SON**  
**PROCEDE DE FABRICATION ET**  
**D'UTILISATION**  
[72] SMITH, DAVID RANDOLPH, US  
[71] SMITH, DAVID RANDOLPH, US  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/US2012/025493)  
[87] (WO2012/112799)  
[30] US (61/443,617) 2011-02-16

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[21] **2,827,491**  
[13] A1

[51] **Int.Cl. F16M 13/00 (2006.01) A45F**  
**5/00 (2006.01) G06F 1/16 (2006.01)**  
[25] EN  
[54] **HOLDER FOR A FLAT PLATE**  
**SUCH AS A TABLET COMPUTER**  
[54] **ETUI POUR UNE PLAQUE PLANE,**  
**PAR EXEMPLE UN ORDINATEUR**  
**ULTRAPLAT**  
[72] PEDDE, RICHARD, CA  
[71] PEDDE, RICHARD, CA  
[85] 2013-08-15  
[86] 2012-03-02 (PCT/CA2012/050128)  
[87] (WO2012/116450)  
[30] US (61/448,946) 2011-03-03

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[21] **2,827,492**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) A61L 2/00**  
**(2006.01)**  
[25] EN  
[54] **CELL CULTURE MEDIA FOR UVC**  
**EXPOSURE AND METHODS**  
**RELATED THERETO**  
[54] **MILIEUX DE CULTURE DE**  
**CELLULES POUR EXPOSITION**  
**AUX UVC ET PROCEDES**  
**ASSOCIES**  
[72] HART, ROGER, US  
[72] BOYCHYN, ROBERT MICHAEL, US  
[71] AMGEN INC., US  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/US2012/025652)  
[87] (WO2012/115874)  
[30] US (61/445,988) 2011-02-23



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[21] **2,827,493**  
[13] A1

[51] **Int.Cl. G21C 15/243 (2006.01)**  
[25] EN  
[54] **HEAT REMOVAL SYSTEM AND METHOD FOR USE WITH A NUCLEAR REACTOR**  
[54] **SYSTEME D'EVACUATION DE LA CHALEUR ET PROCEDE DESTINE A ETRE UTILISE AVEC UN REACTEUR NUCLEAIRE**  
[72] SEXTON, COLIN MAXWELL, US  
[72] MATONIC, JOHN HAROLD, US  
[72] LAFOUNTAIN, MAURICE ANDREW, US  
[72] HOUGHTON, ZACHARY JAMES, US  
[72] BIASCA, RICHARD, US  
[72] ARTHUR, JONATHAN JAMES, US  
[71] NUSCALE POWER, LLC, US  
[85] 2013-08-15  
[86] 2012-02-14 (PCT/US2012/025001)  
[87] (WO2012/112509)  
[30] US (61/463,282) 2011-02-15  
[30] US (13/303,408) 2011-11-23

[21] **2,827,497**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHOD FOR LOCALIZED IN SITU DETECTION OF MRNA**  
[54] **PROCEDE DE DETECTION D'ARNM IN SITU**  
[72] BERNITZ, MATS NILSSON, SE  
[72] LARSSON, CHATARINA, SE  
[72] GRUNDBERG, IDA, SE  
[71] LEICA BIOSYSTEMS NEWCASTLE LTD., GB  
[85] 2013-08-15  
[86] 2012-02-15 (PCT/IB2012/000995)  
[87] (WO2012/110899)  
[30] US (61/442,921) 2011-02-15  
[30] US (61/473,662) 2011-04-08

[21] **2,827,498**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 3/113 (2006.01)**  
[25] EN  
[54] **METHOD OF DETECTING NEUROLOGICAL DISEASE**  
[54] **PROCEDE DE DETECTION DE MALADIE NEUROLOGIQUE**  
[72] MARTINEZ-CONDE, SUSANA, US  
[72] MACKNIK, STEPHEN L., US  
[72] TRONCOSO, XOANA, US  
[72] OTERO-MILLAN, JORGE, US  
[71] DIGNITY HEALTH, US  
[85] 2013-07-26  
[86] 2012-01-27 (PCT/US2012/022959)  
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[30] US (61/437,138) 2011-01-28  
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[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **SELECTING AND CORRELATING PHYSICAL ACTIVITY DATA WITH IMAGE DATE**  
[54] **SELECTION ET CORRELATION DE DONNEES D'ACTIVITE PHYSIQUE AVEC DES DONNEES D'IMAGE**  
[72] BUROUGHS, BRANDON S., US  
[72] HAILEY, MICHAEL BENJAMIN, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025664)  
[87] (WO2012/112900)  
[30] US (61/443,808) 2011-02-17

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[13] A1

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[54] **LOCATION MAPPING**  
[54] **CARTOGRAPHIE DE POSITIONS**  
[72] BURROUGHS, BRANDON S., US  
[72] HAILEY, MICHAEL BENJAMIN, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025667)  
[87] (WO2012/112903)  
[30] US (61/443,808) 2011-02-17

[21] **2,827,503**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/02 (2006.01) G01N 33/48 (2006.01)**  
[25] EN  
[54] **CANCER SCREENING BY DETECTION OF ULTRASTRUCTURAL AND MOLECULAR MARKERS**  
[54] **DEPISTAGE DU CANCER PAR DETECTION DE MARQUEURS ULTRASTRUCTURAUX ET MOLECULAIRES**  
[72] BACKMAN, VADIM, US  
[72] SUBRAMANIAN, HARIHARAN, US  
[72] DAMANIA, DHWANIL, US  
[72] ROY, HEMANT, US  
[72] KUNTE, DHANANJAY, US  
[72] DE LA CRUZ, MART ANGELO, US  
[71] NORTHWESTERN UNIVERSITY, US  
[71] NORTHSHORE UNIVERSITY HEALTHSYSTEM, US  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025670)  
[87] (WO2012/112906)  
[30] US (61/443,912) 2011-02-17

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[13] A1

[51] **Int.Cl. H04N 21/2187 (2011.01) H04N 21/218 (2011.01) H04N 21/222 (2011.01) H04N 21/258 (2011.01) H04N 21/2668 (2011.01) H04N 21/2747 (2011.01) H04N 21/472 (2011.01) H04N 21/61 (2011.01)**  
[25] EN  
[54] **CLOUD BASED LOCATION SHIFTING SERVICE**  
[54] **SERVICE DE DECALAGE DE POSITION BASE SUR L'INFORMATIQUE EN NUAGE**  
[72] KANOJIA, CHAITANYA, US  
[72] LIPOWSKI, JOSEPH THADDEUS, US  
[71] AEREO, INC., US  
[85] 2013-08-14  
[86] 2012-02-17 (PCT/US2012/025676)  
[87] (WO2012/112910)  
[30] US (61/444,415) 2011-02-18

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[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **BAP1 MUTATIONAL ANALYSIS IN DETERMINING SUSCEPTIBILITY TO, PROGNOSIS OF, AND TREATMENT OF MELANOCYTIC NEOPLASIA**

[54] **ANALYSE DE MUTATION BAP1 DANS LA DETERMINATION DE LA SENSIBILITE A, DU PRONOSTIC DE, ET DU TRAITEMENT DE LA NEOPLASIE MELANOCYTAIRE**

[72] WIESNER, THOMAS, US

[72] BASTIAN, BORIS, US

[72] SPEICHER, MICHAEL, R., AT

[72] KUTZNER, HEINZ, DE

[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US

[71] MEDICAL UNIVERSITY OF GRAZ, AT

[85] 2013-08-15

[86] 2012-02-16 (PCT/US2012/025509)

[87] (WO2013/106002)

[30] US (61/463,389) 2011-02-16

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[13] A1

[51] **Int.Cl. B01F 17/42 (2006.01) A01N 25/30 (2006.01) C09K 3/14 (2006.01) C09K 3/16 (2006.01) C10M 129/16 (2006.01)**

[25] EN

[54] **ALKOXYLATED NON-IONIC ALKANOL ADJUVANT FORMULATIONS AND METHODS FOR MAKING AND USING THE SAME**

[54] **FORMULATIONS D'ADJUVANTS ALCANOLS NON IONIQUES ALCOXYLES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**

[72] LANGLEY, JEFFREY TODD, US

[72] HUDSON, GEORGE, US

[71] FASHION CHEMICALS, GMBH & CO KG, DE

[85] 2013-08-15

[86] 2012-02-16 (PCT/US2012/025505)

[87] (WO2013/106001)

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[13] A1

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[25] EN

[54] **METHODS FOR TREATING DISEASES OF THE RETINA**

[54] **METHODES DE TRAITEMENT DE MALADIES DE LA RETINE**

[72] DONELLO, JOHN E., US

[72] YANG, RONG, US

[72] VISWANATH, VEENA, US

[72] LEBLOND, BERTRAND, FR

[72] BEAUSOLEIL, ERIC, FR

[72] PANDO, MATTHEW P., FR

[72] DESIRE, LAURENT J.R., FR

[72] CASAGRANDE, ANNE-SOPHIE, FR

[71] ALLERGAN, INC., US

[71] EXONHIT S.A., FR

[71] ALLERGAN, INC., US

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[30] US (61/444,587) 2011-02-18

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[30] US (61/482,097) 2011-05-03

[21] **2,827,510**  
[13] A1

[51] **Int.Cl. A23L 1/308 (2006.01)**

[25] EN

[54] **USE FOR HIGH-MOLECULAR-WEIGHT POLYMER AND COMPOSITION INCLUDING SAME**

[54] **UTILISATION D'UN POLYMERE DE MASSE MOLECULAIRE ELEVEE ET COMPOSITION EN CONTENANT**

[72] HSIN, SHAOCHI, CN

[71] HSIN, SHAOCHI, CN

[85] 2013-08-15

[86] 2012-02-16 (PCT/CN2012/071184)

[87] (WO2012/109991)

[30] CN (201110039278.6) 2011-02-16

[21] **2,827,511**  
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01)**

[25] EN

[54] **A METHOD FOR THE PROGNOSIS OF PROGRESSION OF THE HIV DISEASE**

[54] **METHODE PERMETTANT DE PRONOSTIQUER L'EVOLUTION DE L'INFECTION PAR LE VIH**

[72] MEYER, LAURENCE, FR

[72] VIEILLARD, VINCENT, FR

[72] DEBRE, PATRICE, FR

[72] CROUZET, JOEL, FR

[71] INNAVIRVAX, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR

[85] 2013-08-15

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[87] (WO2012/114272)

[30] EP (11305187.4) 2011-02-22

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[13] A1

[51] **Int.Cl. C07C 51/12 (2006.01) B01J 19/00 (2006.01) C07C 51/44 (2006.01) C07C 51/48 (2006.01) C07C 53/08 (2006.01) G01N 21/65 (2006.01)**

[25] EN

[54] **ACETIC ACID PRODUCTION PROCESS**

[54] **PROCEDE DE PRODUCTION D'ACIDE ACETIQUE**

[72] SALISBURY, BRIAN A., US

[72] HALLINAN, NOEL C., US

[71] LYONDELL CHEMICAL TECHNOLOGY, L.P., US

[85] 2013-08-14

[86] 2012-02-27 (PCT/US2012/026693)

[87] (WO2012/148554)

[30] US (13/037,041) 2011-02-28

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[13] A1

[51] **Int.Cl. B67B 7/04 (2006.01)**

[25] EN

[54] **MOUNTABLE CORK PULLER**

[54] **TIRE-BOUCHON FIXABLE**

[72] HAUSER, JAMES BRIAN, US

[71] BE AEROSPACE INC., US

[85] 2013-08-14

[86] 2012-03-02 (PCT/US2012/027416)

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR IDENTIFYING CONTENT IN A DATA STREAM BY A CLIENT DEVICE**

[54] **PROCEDES ET SYSTEMES PERMETTANT D'IDENTIFIER UN CONTENU DANS UN FLUX DE DONNEES AU MOYEN D'UN DISPOSITIF CLIENT**

[72] WANG, AVERY LI-CHUN, US  
[71] SHAZAM ENTERTAINMENT LTD., GB

[85] 2013-08-15  
[86] 2012-02-14 (PCT/US2012/025079)  
[87] (WO2012/112573)  
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[13] A1

[51] **Int.Cl. E05B 45/06 (2006.01)**  
[25] EN  
[54] **WIRELESS LOCK WITH LOCKDOWN**

[54] **VERROU SANS FIL COMPORTANT UN VERROUILLAGE**

[72] BONAHOOM, BRYAN JOSEPH, US  
[71] STANLEY SECURITY SOLUTIONS, INC., US

[85] 2013-08-15  
[86] 2012-02-22 (PCT/US2012/026067)  
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[30] US (61/445,286) 2011-02-22

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[13] A1

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[25] EN  
[54] **THERMAL PHASE SEPARATION SIMULATOR**

[54] **SIMULATEUR DE SEPARATION DE PHASES THERMIQUE**

[72] HART, PAUL R., US  
[72] NUEBLING, LEE E., US  
[72] CLEARY, ROBERT R., US  
[72] LITTLE, VIRGIL T., US  
[72] BEETGE, JAN H., US  
[71] CHAMPION TECHNOLOGIES, INC., US

[85] 2013-08-15  
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[87] (WO2012/161767)  
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[13] A1

[51] **Int.Cl. B29C 45/42 (2006.01) B29C 45/44 (2006.01)**  
[25] EN  
[54] **COLLAPSING CORE PART RETAINER SLEEVE**

[54] **MANCHON D'ELEMENT DE RETENUE DE PARTIE DE NOYAU A CLEF**

[72] HICKOK, ALAN PATRICK, US  
[72] HELENIUS, DAVID CHARLES, US  
[71] PROGRESSIVE COMPONENTS INTERNATIONAL CORPORATION, US

[85] 2013-08-14  
[86] 2012-03-12 (PCT/US2012/028772)  
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[13] A1

[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)**  
[25] EN  
[54] **INCORPORATING DATA INTO CRYPTOGRAPHIC COMPONENTS OF AN ECQV CERTIFICATE**

[54] **INCORPORATION DE DONNEES DANS DES COMPOSANTS CRYPTOGRAPHIQUES D'UN CERTIFICAT ECQV**

[72] LITTLE, HERBERT ANTHONY, CA  
[72] CAMPAGNA, MATTHEW JOHN, US  
[72] VANSTONE, SCOTT ALEXANDER, CA  
[72] BROWN, DANIEL RICHARD L., CA  
[71] BLACKBERRY LIMITED, CA  
[71] CERTICOM CORP., CA

[85] 2013-08-15  
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[51] **Int.Cl. A47B 67/00 (2006.01) A61J 1/00 (2006.01) E05G 1/00 (2006.01)**  
[25] EN  
[54] **CABINET SYSTEM**

[54] **SYSTEME D'ARMOIRE**

[72] MICHAEL, JAMES A., US  
[71] AUTOMED TECHNOLOGIES, INC., US

[85] 2013-08-15  
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[51] **Int.Cl. G01V 3/20 (2006.01) G01N 27/02 (2006.01) G01N 33/24 (2006.01)**  
[25] EN  
[54] **FORMATION RESISTIVITE IMAGER WITH REDUCED LEAKAGE TO MANDREL**  
[54] **IMAGEUR DE RESISTIVITE D'UNE FORMATION A FUITE REDUITE VERS LE MANDRIN**  
[72] BESPALOV, ALEXANDRE N., US  
[72] ITSKOVICH, GREGORY B., US  
[72] FORGANG, STANISLAV W., US  
[71] BAKER HUGHES INCOPRORATED, US  
[85] 2013-08-14  
[86] 2012-04-25 (PCT/US2012/034975)  
[87] (WO2012/149006)  
[30] US (61/478,985) 2011-04-26

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[13] A1

[51] **Int.Cl. H02H 1/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR IDENTIFYING ARCING FAULTS AND CIRCUIT BREAKER**  
[54] **PROCEDE DE DETECTION D'ARCS PARASITES ET DISJONCTEUR DE PROTECTION**  
[72] MIKLIS, MARKUS, DE  
[71] ELLENBERGER & POENSGEN GMBH, DE  
[85] 2013-08-15  
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[87] (WO2012/113419)  
[30] DE (10 2011 012 004.1) 2011-02-23

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING AN AUTOMATIC AND SELF-GUIDED MEDICAL EXAMINATION**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'EXECUTER UN EXAMEN MEDICAL AUTOMATIQUE ET AUTOGUIDE**  
[72] GILAD-GILOR, DAVID, IL  
[71] EON MEDICAL LTD., IL  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/IL2012/050050)  
[87] (WO2012/111012)  
[30] US (61/443,767) 2011-02-17

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **TRACKING OF USER PERFORMANCE METRICS DURING A WORKOUT SESSION**  
[54] **SUIVI DE MESURES DE PERFORMANCE D'UTILISATEUR PENDANT SESSION D'ENTRAINEMENT**  
[72] BURROUGHS, BRANDON S., US  
[72] HAILEY, MICHAEL BENJAMIN, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/US2012/025701)  
[87] (WO2012/161768)  
[30] US (61/443,808) 2011-02-17

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[13] A1

[51] **Int.Cl. B61D 17/10 (2006.01)**  
[25] EN  
[54] **SUPPORTING DEVICE FOR A RAIL VEHICLE FLOOR**  
[54] **DISPOSITIF D'APPUI DU PLANCHER D'UN VEHICULE FERROVIAIRE**  
[72] LI, XIAOMENG, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2013-08-15  
[86] 2012-01-18 (PCT/EP2012/050696)  
[87] (WO2012/110272)  
[30] DE (10 2011 011 633.8) 2011-02-17

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[13] A1

[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/06 (2013.01) A61L 31/00 (2006.01)**  
[25] EN  
[54] **STENT APPARATUS**  
[54] **DISPOSITIF D'ENDOPROTHESE**  
[72] IGAKI, KEIJI, JP  
[72] YAMADA, HIROKAZU, JP  
[71] KYOTO MEDICAL PLANNING CO., LTD., JP  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/JP2012/001066)  
[87] (WO2012/117683)  
[30] JP (2011-041275) 2011-02-28

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[13] A1

[51] **Int.Cl. F04B 43/00 (2006.01) A61L 2/18 (2006.01) A61L 2/24 (2006.01) F04B 43/12 (2006.01)**  
[25] EN  
[54] **PUMP FOR STERILISATION APPARATUS**  
[54] **POMPE POUR APPAREIL DE STERILISATION**  
[72] KENT, BARRY, NZ  
[72] TURNER, JEREMY, NZ  
[71] TRISTEL PLC, GB  
[85] 2013-08-15  
[86] 2012-01-31 (PCT/EP2012/051594)  
[87] (WO2012/110313)  
[30] GB (1102609.3) 2011-02-15

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[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01) G01S 5/02 (2010.01) H01Q 1/52 (2006.01) H01Q 9/28 (2006.01)**  
[25] EN  
[54] **PLANAR ANTENNA DEVICE AND STRUCTURE**  
[54] **DISPOSITIF D'ANTENNE PLAN ET STRUCTURE**  
[72] THEOBOLD, DAVE, US  
[72] BLUM, DAVID ARTHUR, US  
[72] SCHULTE, GREGORY T., US  
[72] GRESZLER, ALAN, US  
[72] OWENS, VINCENT, US  
[71] PNEUMOSONICS, INC., US  
[85] 2013-08-15  
[86] 2012-02-21 (PCT/US2012/025885)  
[87] (WO2012/115937)  
[30] US (61/445,230) 2011-02-22  
[30] US (61/566,844) 2011-12-05  
[30] US (61/569,069) 2011-12-09

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[13] A1

[51] **Int.Cl. C08L 23/08 (2006.01)**  
[25] EN  
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[54] **COMPOSITIONS POLYMERES DESTINEES A DES APPLICATIONS DE MOULAGE PAR ROTATION**  
[72] BUCK, RICHARD M., US  
[72] MASINO, ALBERT P., US  
[72] YANG, QING, US  
[72] DESLAURIERS, PAUL J., US  
[72] SECORA, STEVEN J., US  
[72] LANIER, ELIZABETH M., US  
[72] ST. JEAN, GUYLAINE, US  
[72] RATZLAFF, JON D., US  
[72] WITTNER, CHRISTOPHER E., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2013-08-15  
[86] 2012-02-21 (PCT/US2012/025919)  
[87] (WO2012/115951)  
[30] US (13/031,451) 2011-02-21

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[13] A1

[51] **Int.Cl. C22C 21/00 (2006.01) C22C 21/12 (2006.01)**  
[25] EN  
[54] **2XXX SERIES ALUMINUM LITHIUM ALLOYS**  
[54] **ALLIAGES D'ALUMINIUM-LITHIUM DE LA SERIE 2XXX**  
[72] BOSELLI, JULIEN, US  
[72] RIOJA, ROBERTO J., US  
[72] VENEMA, GREGORY B., US  
[72] SAWTELL, RALPH R., US  
[71] ALCOA INC., US  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/US2012/025724)  
[87] (WO2012/112942)  
[30] US (61/444,093) 2011-02-17

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61K 48/00 (2006.01) C12N 15/63 (2006.01)**  
[25] EN  
[54] **ENHANCED BIODISTRIBUTION OF OLIGOMERS**  
[54] **BIODISTRIBUTION AMELIOREE D'OLIGOMERES**  
[72] MCELLIGOTT, DAVID L., US  
[71] GROOVE BIOPHARMA CORPORATION, US  
[85] 2013-08-15  
[86] 2012-03-02 (PCT/US2012/027431)  
[87] (WO2012/119051)  
[30] US (61/448,618) 2011-03-02

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[13] A1

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[25] FR  
[54] **METHOD FOR TREATING A GAS CONTAINING NITROGEN OXIDES (NOX), USING A COMPOSITION COMPRISING ZIRCONIUM, CERIUM AND NIOBIUM AS A CATALYST**  
[54] **PROCEDE DE TRAITEMENT D'UN GAZ CONTENANT DES OXYDES D'AZOTES (NOX) UTILISANT COMME CATALYSEUR UNE COMPOSITION A BASE DE ZIRCONIUM, DE CERIUM ET DE NIOBIUM**  
[72] BISSON, LAURE, FR  
[72] HERNANDEZ, JULIEN, FR  
[72] JORGE COELHO MARQUES, RUI MIGUEL, FR  
[72] ROHART, EMMANUEL, FR  
[72] BORTUN, MILA, US  
[72] HARRIS, DEBORAH JAYME, GB  
[72] JONES, CLARE, GB  
[71] RHODIA OPERATIONS, FR  
[71] MAGNESIUM ELEKTRON LIMITED, GB  
[85] 2013-08-15  
[86] 2012-02-28 (PCT/EP2012/053334)  
[87] (WO2013/037507)  
[30] FR (11/00685) 2011-03-08

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[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01)**  
[25] EN  
[54] **SIGNAL AMPLIFICATION FOR IMMUNOASSAYS BY USE OF AVIDIN-BIOTIN LINKAGES**  
[54] **AMPLIFICATION DE SIGNAL POUR IMMUNO-ESSAIS PAR UTILISATION DE LIAISONS AVIDINE-BIOTINE**  
[72] TAN, WOEI, US  
[72] MONJI, NOBUO, US  
[72] GUPTA, VINITA, US  
[72] REYES, CANDICE, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2013-08-15  
[86] 2012-03-05 (PCT/US2012/027764)  
[87] (WO2012/122121)  
[30] US (61/449,463) 2011-03-04

[21] **2,827,538**  
[13] A1

[51] **Int.Cl. B60D 1/54 (2006.01) B60D 1/00 (2006.01)**  
[25] EN  
[54] **TOWING ASSEMBLY**  
[54] **ENSEMBLE DE REMORQUAGE**  
[72] HELLAND, CHAD LEIGHTON, US  
[72] FINCHER, CHARLES KENNITH, US  
[72] ELHARDT, PAUL MICHAEL, US  
[72] SMITH, ELLIS J., US  
[71] DEFENSE PRODUCTS AND SERVICES GROUP, INC., US  
[85] 2013-08-13  
[86] 2012-04-02 (PCT/US2012/031799)  
[87] (WO2012/135810)  
[30] US (13/076,520) 2011-03-31

[21] **2,827,540**  
[13] A1

[51] **Int.Cl. C08L 77/00 (2006.01) C08L 67/00 (2006.01)**  
[25] EN  
[54] **POLAR SOLUBLE OXYGEN SCAVENGING COMPOSITIONS**  
[54] **COMPOSITIONS DESOXYGENANTES SOLUBLES POLAIRES**  
[72] KNUDSEN, RICARDO, BR  
[72] MURRAY, AARON, US  
[71] M & G USA CORPORATION, US  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/US2012/025744)  
[87] (WO2012/112957)  
[30] US (61/444,471) 2011-02-18

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[21] **2,827,541**  
[13] A1

[51] **Int.Cl. F02C 1/05 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS TO HARVEST ENERGY FROM THE EARTH**  
[54] **PROCEDES ET SYSTEMES POUR COLLECTER DE L'ENERGIE PRISE SUR LE SOL**  
[72] SMITH, DAVID RANDOLPH, US  
[71] SMITH, DAVID RANDOLPH, US  
[85] 2013-08-15  
[86] 2012-03-16 (PCT/US2012/029493)  
[87] (WO2012/125949)  
[30] US (61/453,699) 2011-03-17

[21] **2,827,542**  
[13] A1

[51] **Int.Cl. A61B 5/0404 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING AN AUTOMATIC AND REMOTE TRAINED PERSONNEL GUIDED MEDICAL EXAMINATION**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'EXECUTER UN EXAMEN MEDICAL AUTOMATIQUE ET DISTANT GUIDE PAR UN PERSONNEL QUALIFIE**  
[72] GILAD-GILOR, DAVID, IL  
[71] EON MEDICAL LTD., IL  
[85] 2013-08-15  
[86] 2012-02-16 (PCT/IL2012/050051)  
[87] (WO2012/111013)  
[30] US (61/443,788) 2011-02-17

[21] **2,827,543**  
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61B 5/00 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **PNEUMATICALLY DRIVEN OPHTHALMIC SCANNING ENDOPROBE**  
[54] **ENDOSONDE DE BALAYAGE OPHTALMIQUE A COMMANDE PNEUMATIQUE**  
[72] PAPAC, MICHAEL JAMES, US  
[72] YADLOWSKY, MICHAEL J., US  
[72] HUCULAK, JOHN CHRISTOPHER, US  
[71] ALCON RESEARCH, LTD., US  
[85] 2013-08-15  
[86] 2012-03-21 (PCT/US2012/029909)  
[87] (WO2012/129278)  
[30] US (61/466,364) 2011-03-22

[21] **2,827,544**  
[13] A1

[51] **Int.Cl. H04M 1/03 (2006.01)**  
[25] EN  
[54] **WINDOW GLASS MOUNTED FASTENER**  
[54] **FIXATION MONTEE SUR UNE VITRE DE FENETRE**  
[72] BENTRIM, BRIAN, US  
[71] PEM MANAGEMENT, INC., US  
[85] 2013-08-15  
[86] 2012-02-17 (PCT/US2012/025584)  
[87] (WO2012/112849)  
[30] US (61/444,260) 2011-02-18

[21] **2,827,545**  
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A FIBRE COMPOSITE COMPONENT, AND A TOOL ARRANGEMENT FOR SAME**  
[54] **PROCEDE DE PRODUCTION D'UNE PIECE STRUCTURALE EN COMPOSITE FIBREUX, ET ENSEMBLE OUTIL UTILISE A CETTE FIN**  
[72] SCHNEIDERBAUER, GERNOT, AT  
[72] KOCH, OLAF, AT  
[71] FACC AG, AT  
[85] 2013-08-16  
[86] 2012-03-01 (PCT/AT2012/000047)  
[87] (WO2012/119163)  
[30] AT (A 295/2011) 2011-03-04

[21] **2,827,546**  
[13] A1

[51] **Int.Cl. A61L 27/54 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01)**  
[25] EN  
[54] **ENDOPROSTHESIS HAVING AN ACTIVE SUBSTANCE COATING**  
[54] **ENDOPROTHESE DOTEE D'UN REVETEMENT DE SUBSTANCE ACTIVE**  
[72] HOFFMANN, ERIKA, DE  
[72] HOFFMANN, MICHAEL, DE  
[72] HORRES, ROLAND, DE  
[72] ERDTMANN, MARTIN, DE  
[72] HORBACH, HELMUT, DE  
[71] HEMOTEQ AG, DE  
[85] 2013-08-16  
[86] 2012-02-14 (PCT/DE2012/100035)  
[87] (WO2012/122973)  
[30] DE (10 2011 014 386.6) 2011-03-11

[21] **2,827,547**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **VALVE PROSTHESIS FOR REPLACING AN ATRIOVENTRICULAR VALVE OF THE HEART**  
[54] **PROTHESE VALVULAIRE DESTINEE A REMPLACER UNE VALVULE AURICULO-VENTRICULAIRE DU COEUR**  
[72] FIGULLA, HANS REINER, DE  
[72] LAUTEN, ALEXANDER, DE  
[71] FIGULLA, HANS REINER, DE  
[71] LAUTEN, ALEXANDER, DE  
[85] 2013-08-16  
[86] 2011-01-11 (PCT/EP2011/000082)  
[87] (WO2012/095116)

[21] **2,827,548**  
[13] A1

[51] **Int.Cl. C10M 145/14 (2006.01) C08F 20/18 (2006.01) C10M 149/04 (2006.01)**  
[25] EN  
[54] **LUBRICANT COMPOSITION HAVING IMPROVED NON-NEWTONIAN VISCOMETRICS**  
[54] **COMPOSITION LUBRIFIANTE A VISCOSITE NON NEWTONIENNE AMELIOREE**  
[72] SCANLON, EUGENE, US  
[72] DESANTIS, KEVIN, US  
[72] BETTE, VIRGINIE, DE  
[72] PETZOLDT, JOCHEN, DE  
[71] BASF SE, DE  
[85] 2013-08-15  
[86] 2012-03-23 (PCT/US2012/030415)  
[87] (WO2012/135054)  
[30] US (61/467,726) 2011-03-25

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[21] **2,827,549**  
[13] A1

[51] **Int.Cl. H04W 24/00 (2009.01) H04W 4/08 (2009.01) H04W 8/08 (2009.01) H04W 12/08 (2009.01) H04B 5/00 (2006.01)**

[25] EN

[54] **OBSERVATION PLATFORM FOR USING STRUCTURED COMMUNICATIONS**

[54] **PLATE-FORME D'OBSERVATION POUR L'UTILISATION DE COMMUNICATIONS STRUCTUREES**

[72] RUSSELL, STEVEN P., US  
[72] VANBUSKIRK, GUY R., US  
[72] KITTLER, ANDREW W., US  
[71] THEATRO LABS, INC., US  
[85] 2013-08-15  
[86] 2012-02-21 (PCT/US2012/025984)  
[87] (WO2012/115988)  
[30] US (61/445,504) 2011-02-22  
[30] US (61/487,432) 2011-05-18  
[30] US (13/401,146) 2012-02-21

[21] **2,827,550**  
[13] A1

[51] **Int.Cl. D07B 7/14 (2006.01) D07B 1/16 (2006.01) D07B 5/12 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A STRAND OR CABLE**

[54] **PROCEDE DE REALISATION D'UN TORON OU D'UN CABLE**

[72] LAUER, BRUNO, DE  
[71] CASAR DRAHTSEILWERK SAAR GMBH, DE  
[85] 2013-08-16  
[86] 2012-02-13 (PCT/DE2012/200008)  
[87] (WO2012/107042)  
[30] DE (10 2011 011 112.3) 2011-02-12

[21] **2,827,551**  
[13] A1

[51] **Int.Cl. G01V 3/18 (2006.01) G01V 3/20 (2006.01)**

[25] EN

[54] **OBM RESISTIVITY IMAGE ENHANCEMENT USING PRINCIPAL COMPONENT ANALYSIS WITH FIRST MOMENT ESTIMATION**

[54] **AMELIORATION DES IMAGES DE RESISTIVITE D'UN SYSTEME DE MESURE EMBARQUE, AU MOYEN DE L'ANALYSE DES COMPOSANTS PRINCIPAUX AVEC ESTIMATION DU PREMIER INSTANT**

[72] ZHAO, JINSONG, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-08-15  
[86] 2012-04-13 (PCT/US2012/033522)  
[87] (WO2012/142414)  
[30] US (61/475,400) 2011-04-14  
[30] US (13/445,502) 2012-04-12

[21] **2,827,554**  
[13] A1

[51] **Int.Cl. G01N 1/28 (2006.01) G01N 33/52 (2006.01)**

[25] EN

[54] **METHOD FOR IMPROVING QUALITY AND FUNCTIONALITY OF FILTER PAPER SUITABLE FOR COLLECTING BIOLOGICAL SAMPLES**

[54] **PROCEDE D'AMELIORATION DE LA QUALITE ET DE LA FONCTIONNALITE DE PAPIER FILTRE UTILISE POUR RECUEILLIR DES ECHANTILLONS BIOLOGIQUES**

[72] LINDROOS, HANNE MARIKA, FI  
[72] LEHTINEN, OUTI MARIA, FI  
[72] MATTSSON, PEKKA TAPANI, FI  
[72] TUOMOLA, ELINA MAARET, FI  
[71] WALLAC OY, FI  
[85] 2013-08-16  
[86] 2012-02-02 (PCT/FI2012/050093)  
[87] (WO2012/110693)  
[30] FI (20115157) 2011-02-18  
[30] US (61/444,272) 2011-02-18

[21] **2,827,555**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 31/397 (2006.01) A61K 45/06 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **CHOLESTEROL ABSORPTION INHIBITOR (AZETIDINONE) AND OMEGA 3 FATTY ACIDS (EPA, DHA, DPA) FOR THE REDUCTION OF CHOLESTEROL AND FOR THE REDUCTION OF CARDIOVASCULAR EVENTS**

[54] **INHIBITEUR DE L'ABSORPTION DU CHOLESTEROL (AZETIDINONE) ET ACIDES GRAS OMEGA 3 (EPA, DHA, DPA) POUR LA REDUCTION DU CHOLESTEROL ET POUR LA REDUCTION DES EVENEMENTS CARDIOVASCULAIRES**

[72] JACKOWSKI, GEORGE, CA  
[72] MACSWEENEY, RACHELLE, CA  
[72] SHAIKH, NISAR, CA  
[72] YANTHA, JASON, CA  
[72] SCHINI-KERTH, VALERIE, FR  
[71] PIVOTAL THERAPEUTICS, INC., CA  
[85] 2013-08-16  
[86] 2012-02-14 (PCT/US2012/025003)  
[87] (WO2012/112511)  
[30] US (61/457,268) 2011-02-16

[21] **2,827,556**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **PROSTHETIC VALVE FOR REPLACING AN ATRIOVENTRICULAR HEART VALVE**

[54] **PROTHESE VALVULAIRE DESTINEE A REMPLACER UNE VALVULE AURICULO-VENTRICULAIRE DU COEUR**

[72] FIGULLA, HANS REINER, DE  
[72] LAUTEN, ALEXANDER, DE  
[71] FIGULLA, HANS REINER, DE  
[71] LAUTEN, ALEXANDER, DE  
[85] 2013-08-16  
[86] 2011-12-22 (PCT/EP2011/006573)  
[87] (WO2012/095159)  
[30] EP (PCT/EP2011/000082) 2011-01-11

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[21] **2,827,558**  
[13] A1

[51] **Int.Cl. A23C 1/12 (2006.01) A23C 9/142 (2006.01) A23C 19/028 (2006.01) A23C 19/05 (2006.01)**

[25] EN

[54] **CHEESE AND PREPARING THE SAME**

[54] **FROMAGE ET SON PROCEDE DE PREPARATION**

[72] AALTONEN, TERHI, FI

[72] NURMI, PIRKKO, FI

[71] VALIO LTD, FI

[85] 2013-08-16

[86] 2012-02-16 (PCT/FI2012/050153)

[87] (WO2012/110706)

[30] FI (20115161) 2011-02-18

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[21] **2,827,560**  
[13] A1

[51] **Int.Cl. F16L 9/147 (2006.01) B29C 47/02 (2006.01) F16L 11/12 (2006.01)**

[25] EN

[54] **MAKING PIPE FOR LIQUID CONVEYANCE**

[54] **FABRICATION D'UN TUYAU POUR LE TRANSPORT DE LIQUIDES**

[72] WINTERSTEIN, RALF, DE

[72] MULLER, STEPHAN, DE

[71] UPONOR INNOVATION AB, SE

[85] 2013-08-16

[86] 2012-02-23 (PCT/EP2012/053064)

[87] (WO2012/113862)

[30] FI (20115183) 2011-02-24

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[21] **2,827,561**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 45/06 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **OMEGA 3 FATTY ACID DIAGNIOSTIC ASSAY FOR THE DIETARY MANAGEMENT OF PATIENTS WITH CARDIOVASCULAR DISEASE (CVD)**

[54] **TEST DIAGNOSTIQUE DES TAUX D'ACIDES GRAS OMEGA-3 POUR LA PRISE EN CHARGE ALIMENTAIRE DES PATIENTS ATTEINTS D'UNE MALADIE CARDIOVASCULAIRE**

[72] JACKOWSKI, GEORGE, CA

[72] MACSWEENEY, RACHELLE, CA

[72] SHAIKH, NISAR, CA

[72] YANTHA, JASON, CA

[72] SCHINI-KERTH, VALERIE, FR

[71] PIVOTAL THERAPEUTICS, INC., CA

[85] 2013-08-16

[86] 2012-02-14 (PCT/US2012/025010)

[87] (WO2012/112517)

[30] US (61/457,270) 2011-02-16

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[21] **2,827,562**  
[13] A1

[51] **Int.Cl. B62D 53/02 (2006.01) A01G 23/00 (2006.01) B62D 53/00 (2006.01)**

[25] EN

[54] **FRAME AND ARRANGEMENT IN VEHICLE OR MACHINE**

[54] **CADRE ET AGENCEMENT DANS UN VEHICULE OU UNE MACHINE**

[72] HUKKANEN, PENTTI, FI

[71] PONSSE OYJ, FI

[85] 2013-08-16

[86] 2012-02-20 (PCT/FI2012/050164)

[87] (WO2012/113981)

[30] FI (20115190) 2011-02-25

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[21] **2,827,563**  
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61K 35/08 (2006.01) A61K 36/534 (2006.01) A61K 36/61 (2006.01) A61P 27/14 (2006.01)**

[25] FR

[54] **AQUEOUS IONIC SOLUTION CONTAINING SEAWATER AND AT LEAST ONE COMPOUND THAT IS ORIGINALLY IMMISCIBLE WITH SEAWATER**

[54] **SOLUTION IONIQUE AQUEUSE CONTENANT DE L'EAU DE MER ET AU MOINS UN COMPOSE ORIGINELLEMENT NON MISCIBLE A L'EAU DE MER**

[72] ANDRO, FRANCOIS, FR

[72] BEAULIEU, ANNE, FR

[71] LABORATOIRE DE LA MER, FR

[85] 2013-08-16

[86] 2012-02-20 (PCT/EP2012/052886)

[87] (WO2012/110665)

[30] FR (1151357) 2011-02-18

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[21] **2,827,564**  
[13] A1

[51] **Int.Cl. H04W 4/22 (2009.01)**

[25] EN

[54] **DYNAMIC ASSET MARSHALLING WITHIN AN INCIDENT COMMUNICATIONS NETWORK**

[54] **ORGANISATION DYNAMIQUE D'ELEMENTS ACTIFS DANS UN RESEAU DE TELECOMMUNICATIONS DE SITUATION D'URGENCE**

[72] BOUCHER, JOSEPH, US

[72] MAZZARELLA, JOSEPH R., US

[71] MUTUALINK INC., US

[85] 2013-08-15

[86] 2012-02-22 (PCT/US2012/026062)

[87] (WO2012/116033)

[30] US (61/445,370) 2011-02-22



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[21] **2,827,565**  
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/46 (2006.01) A61Q 13/00 (2006.01) A61Q 19/10 (2006.01) C11D 3/20 (2006.01) C11D 3/43 (2006.01) C11D 3/50 (2006.01) C11D 9/44 (2006.01) C11D 10/04 (2006.01)**

[25] EN

[54] **SPECIFIC PERFUMES HAVING ENHANCED EFFICACY WHEN USED IN SPECIFIC LIQUID CONCENTRATE COMPOSITIONS**

[54] **PARFUMS SPECIFIQUES AYANT UNE EFFICACITE AMELIOREE LORSQU'ILS SONT UTILISES DANS DES COMPOSITIONS DE CONCENTRE LIQUIDE SPECIFIQUES**

[72] HERMANSON, KEVIN DAVID, US  
[72] YANG, LIN, US  
[72] SHAFER, GEORGIA, US  
[72] SHILOACH, ANAT, US  
[71] UNILEVER PLC, GB  
[85] 2013-08-16  
[86] 2012-03-02 (PCT/EP2012/053610)  
[87] (WO2012/126710)  
[30] US (13/070,691) 2011-03-24

[21] **2,827,567**  
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/5355 (2006.01) A61P 25/00 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01)**

[25] EN

[54] **NOVEL COMPOUNDS AS HISTAMINE H3 RECEPTOR LIGANDS**

[54] **NOUVEAUX COMPOSES UTILISES EN TANT QUE LIGANDS DES RECEPTEURS H3 HISTAMINIQUES**

[72] NIROGI, RAMAKRISHNA, IN  
[72] SHINDE, ANIL KARBHARI, IN  
[72] KAMBHAMPATI, RAMASASTRI, IN  
[72] DESHPANDE, AMOL DINAKAR, IN  
[72] DWARAMPUDI, ADI REDDY, IN  
[72] GANGADASARI, NARASIMHAREDDY, IN  
[72] SARAF, SANGRAM KESHARI, IN  
[72] KANDIKERE, VISHWOTTAM NAGARAJ, IN  
[72] JAYARAJAN, PRADEEP, IN  
[72] AHMAD, ISHTIYAQUE, IN  
[72] MULLA, MOHMADSADIK ABDULHAMID, IN  
[72] JASTI, VENKATESWARLU, IN  
[71] SUVEN LIFE SCIENCES LIMITED, IN  
[85] 2013-08-16  
[86] 2011-06-07 (PCT/IN2011/000380)  
[87] (WO2012/114348)  
[30] IN (520/CHE/2011) 2011-02-23

[21] **2,827,570**  
[13] A1

[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/01 (2006.01) A61B 5/0265 (2006.01) A61B 8/00 (2006.01)**

[25] EN

[54] **INTERFACE UNIT AND A MEASUREMENT SYSTEM**

[54] **UNITE D'INTERFACE ET SYSTEME DE MESURE**

[72] SAMUELSSON, MAGNUS, SE  
[71] ST JUDE MEDICAL SYSTEMS AB, SE  
[85] 2013-08-16  
[86] 2012-02-24 (PCT/EP2012/053157)  
[87] (WO2012/113904)  
[30] US (61/446,568) 2011-02-25  
[30] SE (1150174-9) 2011-02-25

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[21] **2,827,572**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **ANALYTICS MANAGEMENT**

[54] **GESTION ANALYTIQUE**

[72] LIPSTONE, LAURENCE R., US  
[71] LEVEL 3 COMMUNICATIONS, LLC, US  
[85] 2013-08-15  
[86] 2012-02-22 (PCT/US2012/026140)  
[87] (WO2012/116078)  
[30] US (61/445,973) 2011-02-23

[21] **2,827,569**  
[13] A1

[51] **Int.Cl. H04W 16/26 (2009.01) H04W 24/08 (2009.01) H04W 28/04 (2009.01)**

[25] EN

[54] **PACKET DELAY OPTIMIZATION IN THE UPLINK OF A MULTI-HOP COOPERATIVE RELAY-ENABLED WIRELESS NETWORK**

[54] **OPTIMISATION DE RETARD DE PAQUET DANS LA LIAISON MONTANTE D'UN RESEAU SANS FIL A RELAIS COOPERATIF ACTIVE, A PLUSIEURS BONDS**

[72] BONTU, CHANDRA SEKHAR, CA  
[72] JIA, YONGKANG, CA  
[72] MOBASHER, AMIN, CA  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-08-16  
[86] 2011-02-17 (PCT/CA2011/050099)  
[87] (WO2012/109725)

[21] **2,827,574**  
[13] A1

[51] **Int.Cl. F03B 5/00 (2006.01) F03B 13/22 (2006.01) F03B 17/06 (2006.01)**

[25] FR

[54] **FLUID ENERGY GENERATOR**

[54] **GENERATEUR HYDROLIEN**

[72] DREVET, JEAN-BAPTISTE, FR  
[71] DREVET, JEAN-BAPTISTE, FR  
[85] 2013-08-16  
[86] 2012-03-13 (PCT/EP2012/054405)  
[87] (WO2012/123465)  
[30] FR (1152067) 2011-03-14

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[21] **2,827,575**  
[13] A1

[51] **Int.Cl. G07C 5/08 (2006.01) G06Q 50/30 (2012.01) G08C 17/00 (2006.01) G01C 22/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR EXTRACTION OF VEHICLE OPERATIONAL DATA AND SHARING DATA WITH AUTHORIZED COMPUTER NETWORKS**

[54] **SYSTEMES ET PROCEDES PERMETTANT L'EXTRACTION DE DONNEES OPERATIONNELLES RELATIVES A UN VEHICULE ET LE PARTAGE DE DONNEES AVEC DES RESEAUX INFORMATIQUES AUTORISES**

[72] RYBAK, IHOR BOHDAN, CA  
[72] MURRAY, JUDSON, CA  
[72] PICHETTE, MATHEW, CA  
[71] 650340 N.B. LTD., CA  
[85] 2013-08-16  
[86] 2012-02-20 (PCT/CA2012/000160)  
[87] (WO2012/109742)  
[30] US (61/444,624) 2011-02-18

[21] **2,827,576**  
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 11/00 (2006.01)**

[25] EN

[54] **MEDICAMENT DELIVERY DEVICE FOR ADMINISTRATION OF OPIOID ANTAGONISTS INCLUDING FORMULATIONS FOR NALOXONE**

[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT DESTINES A L'ADMINISTRATION D'ANTAGONISTES D'OPIOIDE COMPRENANT DES FORMULATIONS POUR LA NALOXONE**

[72] EDWARDS, ERIC S., US  
[72] EDWARDS, EVAN T., US  
[72] LICATA, MARK J., US  
[72] BLONDINO, FRANK E., US  
[71] INTELLIJECT, INC., US  
[85] 2013-08-15  
[86] 2012-02-27 (PCT/US2012/026708)  
[87] (WO2012/118729)  
[30] US (13/036,720) 2011-02-28

[21] **2,827,577**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 31/454 (2006.01) A61K 45/06 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **A FORMULATIONS COMPRISING OMEGA 3 FATTY ACIDS AND AN ANTI OBESITY AGENT FOR THE REDUCTION OF BODY WEIGHT IN CARDIOVASCULAR DISEASE PATIENTS (CVD) AND DIABETICS**

[54] **PREPARATIONS COMPRENANT DES ACIDES GRAS OMEGA-3 ET UN AGENT ANTI-OBESITE POUR LA REDUCTION DU POIDS CORPOREL CHEZ LES PATIENTS ATTEINTS D'UNE MALADIE CARDIOVASCULAIRE ET CHEZ LESDIABETIQUES**

[72] JACKOWSKI, GEORGE, CA  
[72] MACSWEENEY, RACHELLE, CA  
[72] SHAIKH, NISAR, CA  
[72] YANTHA, JASON, CA  
[72] SCHINI-KERTH, VALERIE, FR  
[71] PIVOTAL THERAPEUTICS, INC., CA  
[85] 2013-08-16  
[86] 2012-02-14 (PCT/US2012/025014)  
[87] (WO2012/112520)  
[30] US (61/457,269) 2011-02-16

[21] **2,827,578**  
[13] A1

[51] **Int.Cl. C07C 211/21 (2006.01) A61K 31/132 (2006.01) A61K 31/16 (2006.01) A61K 31/496 (2006.01) A61P 31/04 (2006.01) C07C 233/38 (2006.01) C07D 207/27 (2006.01) C07D 295/13 (2006.01)**

[25] EN

[54] **USE OF POLYAMINOISOPRENYL DERIVATIVES IN ANTIBIOTIC OR ANTISEPTIC TREATMENT**

[54] **UTILISATION DE DERIVES DE POLYAMINO-ISOPRENYLE DANS UN TRAITEMENT ANTIBIOTIQUE OU ANTISEPTIQUE**

[72] BOLLA, JEAN-MICHEL, FR  
[72] BRUNEL, JEAN MICHEL, FR  
[72] CASANOVA, JOSEPH PIERRE FELIX, FR  
[72] LORENZI, VANNINA, FR  
[72] BERTI, LILIANE, FR  
[71] UNIVERSITE D'AIX-MARSEILLE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE DE CORSE, FR  
[85] 2013-08-16  
[86] 2012-02-23 (PCT/EP2012/053113)  
[87] (WO2012/113891)  
[30] EP (11305193.2) 2011-02-23

[21] **2,827,579**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 45/06 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **OMEGA 3 FORMULATIONS COMPRISING EPA, DHA AND DPA FOR TREATMENT OF RISK FACTORS FOR CARDIOVASCULAR DISEASE**

[54] **PREPARATIONS A BASE D'OMEGA-3 COMPRENANT EPA, DHA ET DPA POUR LE TRAITEMENT DES FACTEURS DE RISQUE DANS LA MALADIE CARDIOVASCULAIRE**

[72] JACKOWSKI, GEORGE, CA  
[72] MACSWEENEY, RACHELLE, CA  
[72] SHAIKH, NISAR, CA  
[72] YANTHA, JASON, CA  
[72] SCHINI-KERTH, VALERIE, FR  
[71] PIVOTAL THERAPEUTICS, INC., CA  
[85] 2013-08-16  
[86] 2012-02-14 (PCT/US2012/025021)  
[87] (WO2012/112527)  
[30] US (61/457,271) 2011-02-16

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[21] **2,827,581**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **ANTI-IL-6 RECEPTOR ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS ANTI-RECEPTEURS IL-6 ET LEURS PROCEDES D'UTILISATION**

[72] LEE, SUM WAI PIERRE, US

[72] KE, YAOHUANG, US

[72] ZHANG, YONGKE, US

[71] APEXIGEN, INC., US

[85] 2013-08-15

[86] 2012-02-28 (PCT/US2012/026954)

[87] (WO2012/118813)

[30] US (61/449,005) 2011-03-03

[21] **2,827,582**  
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) C08F 299/04 (2006.01) C08G 63/698 (2006.01) C08G 63/91 (2006.01) C08K 3/00 (2006.01) C08K 5/05 (2006.01) C08K 5/14 (2006.01) C08K 5/16 (2006.01)**

[25] EN

[54] **ACCELERATOR FOR CURING RESINS**

[54] **ACCELERATEUR POUR LE DURCISSEMENT DE RESINES**

[72] REIJNDERS, JOHANNES

[72] MARTINUS GERARDUS MARIA, NL

[72] KOERS, FREDERIK WILLEM

[72] KAREL, NL

[72] TALMA, AUKE GERARDUS, NL

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2013-08-16

[86] 2012-03-21 (PCT/EP2012/054931)

[87] (WO2012/126917)

[30] EP (11159558.3) 2011-03-24

[30] US (61/467,510) 2011-03-25

[21] **2,827,583**  
[13] A1

[51] **Int.Cl. A61K 36/37 (2006.01)**

[25] EN

[54] **METHODS OF PROCESSING EXTRACTS OF A T. WILFORDII HOOK F. PLANT**

[54] **PROCEDES POUR TRAITER DES EXTRAITS DE LA PLANTE T. WILFORDII HOOK F.**

[72] PAFFENDORF, GEORGE, US

[72] CIMARUSTI, CHRISTOPHER, US

[71] PHYTOMEDICS CORPORATION INC., BS

[85] 2013-08-15

[86] 2012-03-01 (PCT/US2012/027231)

[87] (WO2012/118942)

[30] US (61/448,028) 2011-03-01

[30] US (61/484,031) 2011-05-09

[21] **2,827,584**  
[13] A1

[51] **Int.Cl. C25B 1/16 (2006.01) B01D 61/42 (2006.01) C25B 1/22 (2006.01) C25B 5/00 (2006.01)**

[25] EN

[54] **CELL FOR DEPOLARISED ELECTRODIALYSIS OF SALT SOLUTIONS**

[54] **CELLULE POUR UNE ELECTRODIALYSE DEPOLARISEE DE SOLUTIONS SALINES**

[72] FAITA, GIUSEPPE, IT

[71] INDUSTRIE DE NORA S.P.A., IT

[85] 2013-08-16

[86] 2012-03-28 (PCT/EP2012/055455)

[87] (WO2012/130864)

[30] IT (IT MI2011A000500) 2011-03-29

[21] **2,827,585**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 9/00 (2006.01) A61K 31/40 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **STATIN AND OMEGA 3 FATTY ACIDS (EPA, DHA AND DPA) FOR USE IN CARDIOVASCULAR DISEASES**

[54] **STATINE ET ACIDES GRAS OMEGA-3 (EPA, DHA ET DPA) UTILISES DANS LES MALADIES CARDIOVASCULAIRES**

[72] JACKOWSKI, GEORGE, CA

[72] MACSWEENEY, RACHELLE, CA

[72] SHAIKH, NISAR, CA

[72] YANTHA, JASON, CA

[72] SCHINI-KERTH, VALERIE, FR

[71] PIVOTAL THERAPEUTICS, INC., CA

[85] 2013-08-16

[86] 2012-02-14 (PCT/US2012/025026)

[87] (WO2012/112531)

[30] US (61/457,267) 2011-02-16

[21] **2,827,586**  
[13] A1

[51] **Int.Cl. F16G 11/12 (2006.01) B60P 7/08 (2006.01) B65D 63/00 (2006.01) B66D 1/04 (2006.01) B66D 3/02 (2006.01)**

[25] EN

[54] **RATCHET STRAP BINDER AND METHOD OF ADJUSTING A STRAP IN LENGTH**

[54] **TENDEUR DE COURROIE A ROCHET ET PROCEDE DE REGLAGE DE LA LONGUEUR DE COURROIE**

[72] DURAND, DENIS, CA

[71] 9269-1096 QUEBEC INC., CA

[85] 2013-08-16

[86] 2012-02-17 (PCT/CA2012/050094)

[87] (WO2012/109757)

[30] GB (1102888.3) 2011-02-18

[30] US (61/578,363) 2011-12-21

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[21] **2,827,587**  
[13] A1

- [51] **Int.Cl. H04L 12/28 (2006.01) H04L 9/00 (2006.01)**  
[25] EN  
[54] **IPSEC CONNECTION TO PRIVATE NETWORKS**  
[54] **CONNEXION IPSEC A DES RESEAUX PRIVES**  
[72] JOHNSON, ROBERT A., US  
[72] SADHU, AVINASH, US  
[71] UNISYS CORPORATION, US  
[85] 2013-08-15  
[86] 2012-03-02 (PCT/US2012/027388)  
[87] (WO2012/121996)  
[30] US (13/040,631) 2011-03-04

[21] **2,827,589**  
[13] A1

- [51] **Int.Cl. G01B 21/00 (2006.01) A61B 17/15 (2006.01) A61B 17/17 (2006.01) A61B 17/72 (2006.01) A61B 17/90 (2006.01) A61B 19/00 (2006.01) B23Q 16/00 (2006.01) B23Q 17/00 (2006.01) G01B 7/00 (2006.01) G12B 11/00 (2006.01)**  
[25] EN  
[54] **TOOL WITH INTEGRATED NAVIGATION AND GUIDANCE SYSTEM AND RELATED APPARATUS AND METHODS**  
[54] **OUTIL COMPORTANT UN SYSTEME DE NAVIGATION ET DE GUIDAGE INTEGRE ET APPAREIL ET PROCEDES ASSOCIES**  
[72] INKPEN, KEVIN BRYANT, CA  
[72] HODGSON, ANTONY JOHN, CA  
[72] GUY, PIERRE, CA  
[72] AT SMA, WILLEM J., CA  
[72] LAVALLEE, STEPHANE, FR  
[72] STIEHL, JAMES B., US  
[71] DEPUY SYNTHES PRODUCTS, LLC, US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/CA2012/050098)  
[87] (WO2012/109760)  
[30] US (61/444,535) 2011-02-18  
[30] US (61/444,558) 2011-02-18  
[30] US (61/444,600) 2011-02-18  
[30] US (61/476,709) 2011-04-18  
[30] US (61/553,499) 2011-10-31

[21] **2,827,590**  
[13] A1

- [51] **Int.Cl. C12M 3/00 (2006.01) C12N 5/0789 (2010.01) A01N 1/02 (2006.01) C12M 1/24 (2006.01) C12M 3/04 (2006.01)**  
[25] EN  
[54] **STEM CELLS PACKAGING AND SHIPPING**  
[54] **EMBALLAGE ET EXPEDITION DE CELLULES SOUCHES**  
[72] YOUNG, WISE, US  
[72] SUN, DONGMING, US  
[72] FLEISCHAKER, ROBERT, US  
[72] TSANG, KAM SZE KENT, CN  
[71] STEM CYTE, INC., US  
[85] 2013-08-16  
[86] 2012-02-14 (PCT/US2012/025078)  
[87] (WO2012/112572)  
[30] US (61/444,207) 2011-02-18

[21] **2,827,591**  
[13] A1

- [51] **Int.Cl. F01D 11/24 (2006.01)**  
[25] FR  
[54] **TURBINE CASING COMPRISING A MEANS FOR ATTACHING RING SECTORS**  
[54] **CARTER DE TURBINE COMPORTANT DES MOYENS DE FIXATION DE SECTEURS D'ANNEAU**  
[72] BONNEAU, DAMIEN, FR  
[72] CORDIER, JEAN-CHRISTOPHE MARC, FR  
[72] GARIN, FABRICE MARCEL NOEL, FR  
[71] SNECMA, FR  
[85] 2013-08-16  
[86] 2012-03-06 (PCT/FR2012/050455)  
[87] (WO2012/120228)  
[30] FR (1151802) 2011-03-07

[21] **2,827,592**  
[13] A1

- [51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/46 (2006.01)**  
[25] EN  
[54] **MEDICAL PRODUCT PACKAGE**  
[54] **EMBALLAGE DE PRODUIT MEDICAL**  
[72] LIMBACK, NANCY GAIL, US  
[71] SANOFI-AVENTIS U.S. LLC, US  
[85] 2013-08-16  
[86] 2012-02-15 (PCT/US2012/025147)  
[87] (WO2012/112631)  
[30] US (13/029,572) 2011-02-17

[21] **2,827,593**  
[13] A1

- [51] **Int.Cl. B01D 7/00 (2006.01) B01D 7/02 (2006.01) B01D 9/00 (2006.01) B01D 9/02 (2006.01) B01D 9/04 (2006.01) C07D 319/12 (2006.01) C08G 63/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE MANUFACTURE OF A POLYHYDROXY-CARBOXYLIC ACID**  
[54] **PROCEDE DE FABRICATION D'UN ACIDE POLYHYDROXYCARBOXYLIQUE**  
[72] STEPANSKI, MANFRED, CH  
[72] LOVIAT, FRANCOIS, CH  
[72] KUSZLIK, ANDRZEJ, CH  
[71] SULZER CHEMTECH AG, CH  
[85] 2013-08-16  
[86] 2011-11-15 (PCT/EP2011/070168)  
[87] (WO2012/110117)  
[30] EP (11154929.1) 2011-02-18  
[30] EP (11154930.9) 2011-02-18  
[30] EP (11187572.0) 2011-11-02  
[30] EP (11187571.2) 2011-11-02

[21] **2,827,595**  
[13] A1

- [51] **Int.Cl. C07D 319/12 (2006.01) B01D 9/00 (2006.01) B01D 9/02 (2006.01) B01D 9/04 (2006.01) C08G 63/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE MANUFACTURE OF A POLYHYDROXY-CARBOXYLIC ACID**  
[54] **PROCEDE DE FABRICATION D'UN ACIDE POLYHYDROXYCARBOXYLIQUE**  
[72] STEPANSKI, MANFRED, CH  
[72] LOVIAT, FRANCOIS, CH  
[72] KUSZLIK, ANDRZEJ, CH  
[71] SULZER CHEMTECH AG, CH  
[85] 2013-08-16  
[86] 2011-11-15 (PCT/EP2011/070169)  
[87] (WO2012/110118)  
[30] EP (11154929.1) 2011-02-18  
[30] EP (11154930.9) 2011-02-18  
[30] EP (11187571.2) 2011-11-02  
[30] EP (11187572.0) 2011-11-02

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[21] <b>2,827,596</b> [13] A1	[21] <b>2,827,599</b> [13] A1	[21] <b>2,827,604</b> [13] A1
<p>[51] <b>Int.Cl. A47K 13/10 (2006.01)</b> [25] EN [54] <b>DEVICE COMPRISING ACTUATING MECHANISMS FOR LIFTING AND LOWERING THE COVER AND THE SEAT OF A WC, INDEPENDENTLY FROM EACH OTHER OR SIMULTANEOUSLY</b> [54] <b>DISPOSITIF COMPRENANT DES MECANISMES D'ACTIONNEMENT DESTINES A RELEVER ET ABAISSER LE COUVERCLE ET LA LUNETTE DES TOILETTES, SIMULTANEMENT OU DE MANIERE INDEPENDANTE</b> [72] GOMEZ ESPANA COLLIGNON, CARLO, MX [71] GOMEZ ESPANA COLLIGNON, CARLO, MX [85] 2013-08-16 [86] 2012-02-17 (PCT/MX2012/000018) [87] (WO2012/112021) [30] MX (MX/a/2011/001905) 2011-02-18</p>	<p>[51] <b>Int.Cl. C12N 1/19 (2006.01) C12N 15/09 (2006.01) C12P 7/06 (2006.01)</b> [25] EN [54] <b>XYLOSE-FERMENTING MICROORGANISM</b> [54] <b>MICROORGANISME DE FERMENTATION DU XYLOSE</b> [72] HATANAKA, HARUYO, JP [71] SUNTORY HOLDINGS LIMITED, JP [85] 2013-08-15 [86] 2012-02-24 (PCT/JP2012/055294) [87] (WO2012/115277) [30] JP (2011-040651) 2011-02-25</p>	<p>[51] <b>Int.Cl. A61L 9/14 (2006.01) B65D 83/14 (2006.01) B65D 83/16 (2006.01)</b> [25] EN [54] <b>SOLENOID VALVE FOR A DISPENSING SYSTEM</b> [54] <b>ELECTROVANNE POUR SYSTEME DISTRIBUTEUR</b> [72] ALFARO, RAYMUND J., US [72] BEAUMONT, DENNIS J., US [72] GASPER, THOMAS P., US [72] HASIK, SEBASTIAN D., US [71] S. C. JOHNSON &amp; SON, INC., US [85] 2013-08-16 [86] 2012-02-15 (PCT/US2012/025169) [87] (WO2012/112639) [30] US (13/030,955) 2011-02-18</p>
[21] <b>2,827,597</b> [13] A1	[21] <b>2,827,600</b> [13] A1	[21] <b>2,827,605</b> [13] A1
<p>[51] <b>Int.Cl. A47L 13/256 (2006.01) A47L 13/258 (2006.01)</b> [25] EN [54] <b>MOPPING DEVICE</b> [54] <b>APPAREIL DE NETTOYAGE</b> [72] LINDNER, FALK, DE [72] REIMAN, ULLA, FI [71] CARL FREUDENBERG KG, DE [85] 2013-08-16 [86] 2012-01-04 (PCT/EP2012/000028) [87] (WO2012/113489) [30] DE (10 2011 012 365.2) 2011-02-24</p>	<p>[51] <b>Int.Cl. C08L 23/02 (2006.01) A61L 27/00 (2006.01) C08L 33/00 (2006.01)</b> [25] EN [54] <b>MICROGEL COMPOSITIONS</b> [54] <b>COMPOSITIONS DE MICROGEL</b> [72] SAUNDERS, BRIAN, GB [72] MILANI, AMIR HOSSEIN, GB [72] LIU, RUIXUE, GB [72] FREEMONT, ANTHONY, GB [71] THE UNIVERSITY OF MANCHESTER, GB [85] 2013-08-16 [86] 2011-02-18 (PCT/GB2011/050329) [87] (WO2011/101684) [30] GB (1002862.9) 2010-02-19</p>	<p>[51] <b>Int.Cl. H04N 5/353 (2011.01) H04N 5/374 (2011.01)</b> [25] EN [54] <b>IMAGE PICKUP APPARATUS, METHOD OF CONTROLLING IMAGE PICKUP APPARATUS, AND PROGRAM</b> [54] <b>APPAREIL DE PRISE DE VUE, PROCEDE DE COMMANDE D'APPAREIL DE PRISE DE VUE ET PROGRAMME</b> [72] KAIZU, SHUN, JP [72] MITSUNAGA, TOMOO, JP [71] SONY CORPORATION, JP [85] 2013-08-16 [86] 2012-01-26 (PCT/JP2012/051601) [87] (WO2012/117774) [30] JP (2011-044254) 2011-03-01</p>
[21] <b>2,827,598</b> [13] A1	[21] <b>2,827,601</b> [13] A1	[21] <b>2,827,607</b> [13] A1
<p>[51] <b>Int.Cl. B07B 13/16 (2006.01)</b> [25] EN [54] <b>FEEDER CHANNEL FOR MUD SHAKER</b> [54] <b>CANAL D'ALIMENTATION POUR AGITATEUR DE BOUE</b> [72] DAHL, BJORN, NO [71] OPTIPRO AS, NO [85] 2013-08-16 [86] 2011-05-16 (PCT/NO2011/000152) [87] (WO2011/145945) [30] NO (20100746) 2010-05-20 [30] US (61/347,258) 2010-05-21</p>	<p>[51] <b>Int.Cl. C22B 3/26 (2006.01) B01D 11/04 (2006.01) C22B 23/00 (2006.01) H01M 10/54 (2006.01)</b> [25] EN [54] <b>COBALT EXTRACTION METHOD</b> [54] <b>PROCEDE D'EXTRACTION DE COBALT</b> [72] GOTO, MASAHIRO, JP [72] KUBOTA, FUKIKO, JP [72] BABA, YUZO, JP [71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP [71] SUMITOMO METAL MINING CO., LTD., JP [85] 2013-08-16 [86] 2012-11-02 (PCT/JP2012/078446) [87] (WO2013/069563) [30] JP (2011-245981) 2011-11-09 [30] JP (2012-056143) 2012-03-13 [30] JP (2012-178293) 2012-08-10 [30] JP (2012-225454) 2012-10-10</p>	<p>[51] <b>Int.Cl. A01G 7/06 (2006.01)</b> [25] EN [54] <b>TREE INJECTION APPARATUS AND METHODS</b> [54] <b>APPAREIL ET PROCEDES POUR UNE INJECTION DANS LES ARBRES</b> [72] OBRIST, GERY, CH [72] WYSS, PETER, CH [71] SYNGENTA PARTICIPATIONS AG, CH [85] 2013-08-16 [86] 2012-02-20 (PCT/IB2012/000366) [87] (WO2012/114197) [30] US (61/444,873) 2011-02-21</p>

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[21] **2,827,609**  
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/94 (2006.01)**

[25] EN

[54] **ASSAYS FOR DETECTING AUTOANTIBODIES TO ANTI-TNF.ALPHA. DRUGS**

[54] **ESSAIS POUR LA DETECTION D'AUTO-ANTICORPS DIRIGES CONTRE DES MEDICAMENTS ANTI-TNF.ALPHA.**

[72] SINGH, SHARAT, US

[72] WANG, SHUI LONG, US

[72] OHRMUND, LINDA, US

[72] HAUENSTEIN, SCOTT, US

[71] NESTEC S.A., CH

[85] 2013-08-16

[86] 2012-02-16 (PCT/US2012/025437)

[87] (WO2012/154253)

[30] US (61/444,097) 2011-02-17

[30] US (61/484,594) 2011-05-10

[30] US (61/496,501) 2011-06-13

[21] **2,827,611**  
[13] A1

[51] **Int.Cl. G11B 27/28 (2006.01) G06F 17/30 (2006.01) G06K 9/00 (2006.01) G11B 27/30 (2006.01)**

[25] EN

[54] **FACIAL DETECTION, RECOGNITION AND BOOKMARKING IN VIDEOS**

[54] **DETECTION FACIALE, RECONNAISSANCE ET MISE EN SIGNET DANS DES VIDEOS**

[72] STEINER, MATTHEW S., US

[71] GOOGLE INC., US

[85] 2013-08-16

[86] 2012-02-13 (PCT/US2012/024920)

[87] (WO2012/112464)

[30] US (61/444,513) 2011-02-18

[21] **2,827,612**  
[13] A1

[51] **Int.Cl. C07C 67/03 (2006.01) C07C 69/52 (2006.01) C07C 69/587 (2006.01) C11B 3/14 (2006.01)**

[25] EN

[54] **A PROCESS FOR THE DISTILLATION OF FATTY ACID ESTERS**

[54] **PROCEDE DE DISTILLATION DES ESTERS D'ACIDES GRAS**

[72] HORLACHER, PETER, DE

[72] HIETSCH, DIETER, DE

[71] COGNIS IP MANAGEMENT GMBH, DE

[85] 2013-08-16

[86] 2012-03-03 (PCT/EP2012/000967)

[87] (WO2012/119745)

[30] EP (EP11157277) 2011-03-08

[30] US (61/450,158) 2011-03-08

[21] **2,827,614**  
[13] A1

[51] **Int.Cl. G01N 1/34 (2006.01) C12M 1/10 (2006.01) C12M 1/34 (2006.01) C12M 1/38 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) G01N 1/44 (2006.01) G01N 21/07 (2006.01) G01N 21/64 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **FLUIDIC CENTRIPETAL DEVICE**

[54] **DISPOSITIF CENTRIPETE FLUIDIQUE**

[72] PEYTAVI, REGIS, FR

[72] CHAPDELAIN, SEBASTIEN, CA

[71] UNIVERSITE LAVAL, CA

[71] GENEPOC INC., CA

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[87] (WO2012/120463)

[30] US (61/450,373) 2011-03-08

[21] **2,827,615**  
[13] A1

[51] **Int.Cl. A61L 27/52 (2006.01) A61L 27/54 (2006.01)**

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[54] **COMPOSITIONS AND IMPROVED SOFT TISSUE REPLACEMENT METHODS**

[54] **COMPOSITIONS ET PROCEDES AMELIORES DE REMPLACEMENT DE TISSU MOU**

[72] VAN EPPS, DENNIS E., US

[72] JIANG, GUANG-LIANG, US

[72] IM, WHA-BIN, US

[71] ALLERGAN, INC., US

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[86] 2012-02-16 (PCT/US2012/025412)

[87] (WO2012/112757)

[30] US (61/444,078) 2011-02-17

[30] US (13/193,744) 2011-07-29

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[13] A1

[51] **Int.Cl. C23C 26/00 (2006.01) C23C 2/08 (2006.01) C23C 2/26 (2006.01) C23C 2/28 (2006.01) C23C 24/10 (2006.01) C23C 26/02 (2006.01)**

[25] EN

[54] **METHOD FOR ENHANCING A METALLIC COATING ON A STEEL STRIP**

[54] **PROCEDE D'AFFINEMENT D'UN REVETEMENT METALLIQUE SUR UNE BANDE D'ACIER**

[72] HOHN, WINFRIED, DE

[72] OBERHOFFER, HELMUT, DE

[72] LIEBSCHER, BENJAMIN JOHANNES, DE

[72] SAUER, REINER, DE

[71] THYSSENKRUPP RASSELSTEIN GMBH, DE

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[54] **COMPOSITIONS AND METHODS OF USE FOR DETERMINATION OF HE4A**

[54] **COMPOSITIONS ET METHODES D'UTILISATION POUR LA DETERMINATION DE HE4A**

[72] HELLSTROM, INGEGERD, US

[72] HELLSTROM, KARL-ERIK, US

[72] FERMER, CHRISTIAN, SE

[72] ROIJER, EVA, SE

[71] FUJIREBIO DIAGNOSTICS, INC., US

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[86] 2011-02-17 (PCT/US2011/025321)

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[54] **THREADED JOINT FOR PIPES**

[54] **RACCORD FILETE POUR TUBE**

[72] KAWAI, TAKAMASA, JP

[72] TAKAHASHI, KAZUNARI, JP

[72] CHIKATSUNE, HIROSHI, JP

[72] YOSHIKAWA, MASAKI, JP

[72] TAKANO, JUN, JP

[72] NAGAHAMA, TAKUYA, JP

[72] UETA, MASAKI, JP

[72] SONOBE, OSAMU, JP

[71] JFE STEEL CORPORATION, JP

[85] 2013-08-16

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[30] JP (2011-042602) 2011-02-28

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[13] A1

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[25] EN

[54] **DRIVE SYSTEM FOR A BALL MILL AND METHOD FOR OPERATING A BALL MILL**

[54] **SYSTEME D'ENTRAINEMENT DE BROYEUR A BOULETS ET PROCEDE DE FONCTIONNEMENT D'UN BROYEUR A BOULETS**

[72] HOLLAND, MAARTEN, NL

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2013-08-16

[86] 2012-02-07 (PCT/EP2012/052025)

[87] (WO2012/110358)

[30] DE (10 2011 004 416.7) 2011-02-18

[21] **2,827,621**  
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01) G06T 19/00 (2011.01) H04N 7/32 (2006.01) H04N 13/02 (2006.01) H04N 13/04 (2006.01)**

[25] EN

[54] **IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD**

[54] **DISPOSITIF DE TRAITEMENT D'IMAGE ET PROCEDE DE TRAITEMENT D'IMAGE**

[72] TAKAHASHI, YOSHITOMO, JP

[72] HATTORI, SHINOBU, JP

[72] SAKURAI, HIRONARI, JP

[71] SONY CORPORATION, JP

[85] 2013-08-16

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[30] JP (2011-061486) 2011-03-18

[30] JP (2011-188815) 2011-08-31

[30] JP (2012-019024) 2012-01-31

[21] **2,827,622**  
[13] A1

[51] **Int.Cl. H01M 2/36 (2006.01) H01G 2/10 (2006.01) H01G 9/145 (2006.01)**

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[54] **METHOD FOR SEALING AN IMPREGNATION OPENING OF AN ENERGY STORAGE ASSEMBLY**

[54] **PROCEDE D'OBTURATION D'UN ORIFICE D'IMPREGNATION D'UN ENSEMBLE DE STOCKAGE D'ENERGIE**

[72] VIGNERAS, ERWAN, FR

[71] BLUE SOLUTIONS, FR

[85] 2013-08-15

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[25] EN

[54] **VIDEO ENCODING/DECODING METHODS, VIDEO ENCODING/DECODING APPARATUSES, AND PROGRAMS THEREFOR**

[54] **PROCEDE DE CODAGE/DECODAGE DE VIDEO, DISPOSITIF DE CODAGE/DECODAGE DE VIDEO ET PROGRAMMES ASSOCIES**

[72] MATSUMURA, MASAOKI, JP

[72] TAKAMURA, SEISHI, JP

[72] SHIMIZU, ATSUSHI, JP

[72] JOZAWA, HIROHISA, JP

[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

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[25] EN

[54] **MODULATION CONTROL SYSTEM AND METHOD FOR A HYBRID TRANSMISSION**

[54] **PROCEDE ET SYSTEME DE COMMANDE DE MODULATION POUR UNE TRANSMISSION HYBRIDE**

[72] LONG, CHARLES F., US  
[72] TAYLOR, CHARLES T., US  
[71] ALLISON TRANSMISSION, INC., US  
[85] 2013-08-16  
[86] 2012-02-16 (PCT/US2012/025457)  
[87] (WO2012/112782)  
[30] US (61/443,750) 2011-02-17

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[13] A1

[51] **Int.Cl. C11D 1/22 (2006.01) A61K 8/46 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING MIXTURES OF C10-C13 ALKYLPHENYL SULFONATES**

[54] **COMPOSITIONS COMPRENANT DES MELANGES DE SULFONATES D'ALKYLPHENYLE C10-C13**

[72] SCHEIBEL, JEFFREY JOHN, US  
[72] GREEN, PHILLIP RICHARD, US  
[72] DIHORA, JITEN ODHAVJI, US  
[72] VINSON, PHILLIP KYLE, US  
[72] URBIN, STEPHANIE ANN, US  
[72] COLLIAS, DIMITRIS IOANNIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-08-16  
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[87] (WO2012/138423)  
[30] US (61/444,007) 2011-02-17

[21] **2,827,629**  
[13] A1

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/4365 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 45/00 (2006.01) A61P 5/06 (2006.01) A61P 9/00 (2006.01) A61P 25/16 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **NOVEL OCTAHYDROTHIENOQUINOLIN E DERIVATIVE, PHARMACEUTICAL COMPOSITION COMPRISING DERIVATIVE, AND USE OF THESE**

[54] **NOUVEAU DERIVE OCTAHYDROTHIENOQUINOLIN E, COMPOSITION PHARMACEUTIQUE COMPRENANT LE DERIVE, ET UTILISATION DE CEUX-CI**

[72] NISHIMURA, TOSHIHIRO, JP  
[72] TERANISHI, HIROTAKA, JP  
[72] YOSHIDA, MASAKO, JP  
[72] UENO, YASUNORI, JP  
[72] KASAI, KIYOSHI, JP  
[71] KISSEI PHARMACEUTICAL CO., LTD., JP  
[85] 2013-08-16  
[86] 2012-03-12 (PCT/JP2012/056252)  
[87] (WO2012/124649)  
[30] JP (2011-055154) 2011-03-14

[21] **2,827,631**  
[13] A1

[51] **Int.Cl. A01N 25/24 (2006.01) A01N 25/10 (2006.01) A01N 37/38 (2006.01) A01N 47/16 (2006.01) A01P 3/00 (2006.01)**

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[54] **PESTICIDAL COMPOSITION**

[54] **COMPOSITION PESTICIDE**

[72] MIZUTANI, MOTOFUMI, JP  
[72] KOZUKI, YUMIKO, JP  
[72] OWAKI, MAKI, JP  
[72] TAKAISHI, MASANAO, JP  
[72] SOMA, MASATO, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[85] 2013-08-16  
[86] 2012-03-07 (PCT/JP2012/056490)  
[87] (WO2012/121413)  
[30] JP (2011-049968) 2011-03-08

[21] **2,827,632**  
[13] A1

[51] **Int.Cl. H01L 51/00 (2006.01) H01L 51/42 (2006.01)**

[25] EN

[54] **ORGANIC PHOTOVOLTAIC CELL INCORPORATING ELECTRON CONDUCTING EXCITON BLOCKING LAYERS**

[54] **CELLULE PHOTOVOLTAIQUE ORGANIQUE COMPRENANT DES COUCHES BLOQUANT LES EXCITONS ET CONDUCTRICES D'ELECTRONS**

[72] FORREST, STEPHEN R., US  
[72] LASSITER, BRIAN E., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2013-08-16  
[86] 2012-02-21 (PCT/US2012/025916)  
[87] (WO2012/161773)  
[30] US (61/444,899) 2011-02-21  
[30] US (61/479,237) 2011-04-26

[21] **2,827,635**  
[13] A1

[51] **Int.Cl. C22B 3/26 (2006.01) B01D 11/04 (2006.01) C22B 59/00 (2006.01) H01M 10/54 (2006.01)**

[25] EN

[54] **VALUABLE METAL EXTRACTION AGENT AND VALUABLE METAL EXTRACTION METHOD USING SAID EXTRACTION AGENT**

[54] **AGENT D'EXTRACTION DE METAUX VALORISABLES ET PROCEDE D'EXTRACTION DE METAUX VALORISABLES A L'AIDE DUDIT AGENT D'EXTRACTION**

[72] GOTO, MASAHIRO, JP  
[72] KUBOTA, FUKIKO, JP  
[72] BABA, YUZO, JP  
[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2013-08-16  
[86] 2012-11-02 (PCT/JP2012/078445)  
[87] (WO2013/069562)  
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[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**  
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[54] **RECONNAISSANCE FACIALE**  
[72] STEINER, MATTHEW S., US  
[71] GOOGLE INC., US  
[85] 2013-08-16  
[86] 2012-02-21 (PCT/US2012/025934)  
[87] (WO2012/112992)

[21] **2,827,641**  
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61B 17/22 (2006.01) A61M 29/02 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR TREATING OBSTRUCTIONS WITHIN BODY LUMENS**  
[54] **APPAREIL ET PROCEDES DE TRAITEMENT D'OBSTRUCTIONS A L'INTERIEUR DE CAVITES CORPORELLES**  
[72] KROLIK, JEFFREY A., US  
[72] DOMINGO, JUAN, US  
[72] WATANABE, GWENDOLYN, US  
[72] BETELIA, RAY, US  
[72] FERNANDEZ, LUCAS, US  
[71] HOTSPUR TECHNOLOGIES, INC., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025734)  
[87] (WO2012/112949)  
[30] US (61/463,537) 2011-02-19  
[30] US (61/520,927) 2011-06-17

[21] **2,827,642**  
[13] A1

[51] **Int.Cl. A61K 31/55 (2006.01) C07D 471/00 (2006.01)**  
[25] EN  
[54] **COMPOUNDS AND METHODS OF TREATING DIABETES**  
[54] **COMPOSES ET METHODES DE TRAITEMENT DU DIABETE**  
[72] PROTTER, ANDREW ASHER, US  
[72] CHAKRAVARTY, SARVAJIT, US  
[72] JAIN, RAJENDRA PARAMSAL, IN  
[72] GREEN, MICHAEL JOHN, US  
[71] MEDIVATION TECHNOLOGIES, INC., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025749)  
[87] (WO2012/154261)  
[30] US (61/444,659) 2011-02-18  
[30] US (61/444,655) 2011-02-18  
[30] US (61/444,642) 2011-02-18  
[30] US (61/469,664) 2011-03-30  
[30] US (61/529,745) 2011-08-31  
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[30] US (61/562,927) 2011-11-22  
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[13] A1

[51] **Int.Cl. B60D 1/06 (2006.01) B60D 1/26 (2006.01)**  
[25] EN  
[54] **TRAILER HITCH SYSTEMS AND METHODS**  
[54] **PROCEDES ET SYSTEMES D'ATTELAGE DE REMORQUE**  
[72] LAPRADE, JOHN WASEM, US  
[71] LAPRADE, JOHN WASEM, US  
[85] 2013-08-16  
[86] 2012-02-20 (PCT/US2012/025829)  
[87] (WO2012/112987)  
[30] US (61/444,239) 2011-02-18  
[30] US (61/632,896) 2012-02-01

[21] **2,827,645**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 35/74 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **ENHANCED THERAPEUTIC USAGE OF A PURINE NUCLEOSIDE PHOSPHORYLASE OR NUCLEOSIDE HYDROLASE PRODRUG RELATED APPLICATIONS**  
[54] **UTILISATION THERAPEUTIQUE AMELIOREE D'UNE PURINE NUCLEOSIDE PHOSPHORYLASE OU NUCLEOSIDE HYDROLASE ET APPLICATIONS ASSOCIEES AVEC UN PROMEDICAMENT**  
[72] PARKER, WILLIAM B., US  
[72] SORSCHER, ERIC J., US  
[71] THE UAB RESEARCH FOUNDATION, US  
[71] SOUTHERN RESEARCH INSTITUTE, US  
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[86] 2012-02-20 (PCT/US2012/025816)  
[87] (WO2012/112984)  
[30] US (61/444,261) 2011-02-18

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[13] A1

[51] **Int.Cl. A61B 3/103 (2006.01) A61B 3/00 (2006.01) A61B 3/10 (2006.01) A61B 3/14 (2006.01) A61B 3/15 (2006.01) A61F 9/008 (2006.01)**  
[25] EN  
[54] **MEASUREMENT/DISPLAY/RECORD/PLAYBACK OF WAVEFRONT DATA FOR USE IN VISION CORRECTION PROCEDURES**  
[54] **MESURE/AFFICHAGE/ENREGISTREMENT/LECTURE DE DONNRES DE FRONT D'ONDE POUR UNE UTILISATION DANS DES PROCEDURES DE CORRECTION DE VISION**  
[72] SHEA, WILLIAM, US  
[72] NORDSTROM, BRAD, US  
[72] CHEW, BRAD, US  
[72] ZHOU, YAN, US  
[71] CLARITY MEDICAL SYSTEMS, INC., US  
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[86] 2012-02-24 (PCT/US2012/026630)  
[87] (WO2012/154278)  
[30] US (13/034,648) 2011-02-24

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[54] **TRICYCLIC INHIBITORS OF KINASES**

[54] **INHIBITEURS TRICYCLIQUES DE KINASES**

[72] TONG, YUNSONG, US

[72] PENNING, THOMAS D., US

[72] FLORJANCIC, ALAN, US

[72] MIYASHIRO, JULIE, US

[72] WOODS, KEITH W., US

[71] ABBVIE INC., US

[85] 2013-08-16

[86] 2012-02-27 (PCT/US2012/026685)

[87] (WO2012/161812)

[30] US (61/447,405) 2011-02-28

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[13] A1

[51] **Int.Cl. G08B 21/10 (2006.01) G08B 25/00 (2006.01) G08B 27/00 (2006.01)**

[25] EN

[54] **CUSTOMIZABLE POLICY ENGINE**

[54] **MOTEUR DE STRATEGIES PERSONNALISABLE**

[72] PRICE, MICHAEL JOHN, US

[72] WURMAN, GILEAD, US

[71] SEISMIC WARNING SYSTEMS, INC., US

[85] 2013-08-16

[86] 2012-02-27 (PCT/US2012/026783)

[87] (WO2012/116367)

[30] US (61/447,025) 2011-02-26

[21] **2,827,651**  
[13] A1

[51] **Int.Cl. F02C 3/34 (2006.01)**

[25] EN

[54] **INTEGRATED GAS TURBINE, SAGD BOILER AND CARBON CAPTURE**

[54] **SYSTEME INTEGRE A TURBINE A GAZ, CHAUDIERE SAGD ET CAPTURE DE CARBONE**

[72] MACADAM, SCOTT, CA

[71] CONOCOPHILLIPS COMPANY, US

[85] 2013-08-16

[86] 2012-02-27 (PCT/US2012/026730)

[87] (WO2012/121917)

[30] US (61/449,441) 2011-03-04

[30] US (13/404,133) 2012-02-24

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[13] A1

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[25] EN

[54] **LABEL PRIVILEGES**

[54] **PRIVILEGES D'ETIQUETTE**

[72] STEINER, MATTHEW S., US

[72] BENJAMIN, HENRY T., US

[71] GOOGLE INC., US

[85] 2013-08-16

[86] 2012-02-16 (PCT/US2012/025461)

[87] (WO2012/112784)

[30] US (61/444,434) 2011-02-18

[30] US (13/171,098) 2011-06-28

[21] **2,827,653**  
[13] A1

[51] **Int.Cl. A61K 31/69 (2006.01) A61K 45/06 (2006.01) A61P 17/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **PROTEASOME INHIBITOR DELANZOMIB FOR USE IN THE TREATMENT OF LUPUS**

[54] **INHIBITEUR DU PROTEASOME, DELANZOMIB, A UTILISER DANS TRAITEMENT DU LUPUS**

[72] RUGGERI, BRUCE A., US

[72] SEAVEY, MATTHEW M., US

[71] CEPHALON, INC., US

[85] 2013-08-16

[86] 2012-03-02 (PCT/US2012/027440)

[87] (WO2012/119056)

[30] US (61/448,743) 2011-03-03

[21] **2,827,656**  
[13] A1

[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01)**

[25] EN

[54] **HEAT RECOVERY METHOD FOR WELLPAD SAGD STEAM GENERATION**

[54] **PROCEDE DE RECUPERATION DE CHALEUR POUR LA GENERATION DE VAPEUR SAGD SUR DES PLATEFORMES D'EXPLOITATION**

[72] MACADAM, SCOTT, CA

[72] SEABA, JAMES P., US

[72] LAMONT, DAVID C., US

[71] CONOCOPHILLIPS COMPANY, US

[85] 2013-08-16

[86] 2012-03-02 (PCT/US2012/027560)

[87] (WO2012/122041)

[30] US (61/449,437) 2011-03-04

[30] US (13/411,266) 2012-03-02

[21] **2,827,658**  
[13] A1

[51] **Int.Cl. C07C 303/08 (2006.01) C07C 1/24 (2006.01) C07C 6/04 (2006.01) C07C 11/04 (2006.01) C07C 309/31 (2006.01)**

[25] EN

[54] **BIO-BASED LINEAR ALKYLPHENYL SULFONATES**

[54] **SULFONATES D'ALKYLPHENYLE LINEAIRES D'ORIGINE BIOLOGIQUE**

[72] GREEN, PHILLIP RICHARD, US

[72] SCHEIBEL, JEFFREY JOHN, US

[72] COLLIAS, DIMITRIS IOANNIS, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-08-16

[86] 2012-02-17 (PCT/US2012/025540)

[87] (WO2012/112828)

[30] US (61/443,981) 2011-02-17

[21] **2,827,660**  
[13] A1

[51] **Int.Cl. E21B 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TRACKING PIPE ACTIVITY ON A RIG**

[54] **SYSTEME ET PROCEDE DE SUIVI D'ACTIVITES LIEES A DES TUYAUX SUR UNE PLATEFORME**

[72] CHRISTIANSEN, TED LOUIS, US

[72] BELIK, JAROSLAV, US

[71] NATIONAL OILWELL VARCO, L.P., US

[85] 2013-08-16

[86] 2012-02-17 (PCT/US2012/025572)

[87] (WO2012/112843)

[30] US (61/443,790) 2011-02-17

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[13] A1

[51] **Int.Cl. A61K 38/08 (2006.01)**  
[25] EN  
[54] **ACTIVE AGENT PRODRUGS WITH HETEROCYCLIC LINKERS**  
[54] **PROMEDICAMENTS A PRINCIPE ACTIF PRESENTANT DES GROUPES DE LIAISON HETEROCYCLIQUES**  
[72] JENKINS, THOMAS E., US  
[72] HUSFELD, CRAIG O., US  
[71] SIGNATURE THERAPEUTICS, INC., US  
[85] 2013-08-16  
[86] 2012-03-08 (PCT/US2012/028367)  
[87] (WO2012/122422)  
[30] US (61/451,019) 2011-03-09  
[30] US (61/583,523) 2012-01-05

[21] **2,827,665**  
[13] A1

[51] **Int.Cl. D21C 7/00 (2006.01)**  
[25] EN  
[54] **REACTOR VESSEL HAVING SINGLE CONVERGENCE SIDEWALL PLATES**  
[54] **CUVE DE REACTEUR AYANT DES PLAQUES DE PAROI LATERALE A CONVERGENCE UNIQUE**  
[72] JOHANSON, JERRY R., US  
[71] ANDRITZ INC., US  
[85] 2013-08-16  
[86] 2012-03-12 (PCT/US2012/028707)  
[87] (WO2012/134791)  
[30] US (61/467,419) 2011-03-25

[21] **2,827,669**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DETECTION OF GLUTEN SENSITIVITY, AND ITS DIFFERENTIATION FROM CELIAC DISEASE**  
[54] **METHODES ET APPAREIL POUR LA DETECTION DE LA SENSIBILITE AU GLUTEN, ET SA DIFFERENCIATION DE LA MALADIE CŒLIAQUE**  
[72] VOJDANI, ARISTO, US  
[71] IMMUNOSCIENCES LAB, INC., US  
[85] 2013-08-16  
[86] 2012-01-19 (PCT/US2012/021892)  
[87] (WO2012/100070)  
[30] US (61/434,501) 2011-01-20

[21] **2,827,672**  
[13] A1

[51] **Int.Cl. F16L 37/36 (2006.01) F16L 37/373 (2006.01)**  
[25] EN  
[54] **QUICK CONNECT FLUID COUPLING**  
[54] **COUPLEUR HYDRAULIQUE A RACCORDEMENT RAPIDE**  
[72] HAUNHORST, GREGORY A., US  
[71] EATON CORPORATION, US  
[85] 2013-08-16  
[86] 2012-01-25 (PCT/US2012/022480)  
[87] (WO2012/112269)  
[30] US (13/030,763) 2011-02-18

[21] **2,827,673**  
[13] A1

[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/519 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**  
[25] EN  
[54] **MTOR/JAK INHIBITOR COMBINATION THERAPY**  
[54] **PLURITHERAPIE IMPLIQUANT UN INHIBITEUR DE MTOR ET UN INHIBITEUR DE JAK**  
[72] VANNUCCHI, ALESSANDRO M., IT  
[72] BOGANI, COSTANZA, IT  
[72] GUGLIELMELLI, PAOLA, IT  
[71] NOVARTIS PHARMA AG, CH  
[71] INCYTE CORPORATION, US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025581)  
[87] (WO2012/112847)  
[30] US (61/444,581) 2011-02-18  
[30] US (61/503,789) 2011-07-01  
[30] US (61/503,785) 2011-07-01

[21] **2,827,675**  
[13] A1

[51] **Int.Cl. C09J 109/06 (2006.01) C09J 7/00 (2006.01) C09J 11/00 (2006.01)**  
[25] EN  
[54] **LOW TEMPERATURE HOT MELT ADHESIVES FOR DISPOSABLE ARTICLES WITH HIGH CREEP RESISTANCE**  
[54] **ADHESIFS THERMOFUSIBLES A BASSE TEMPERATURE POUR DES ARTICLES JETABLES DOTES D'UNE RESISTANCE AU FLUAGE ELEVEE**  
[72] HU, YUHONG, US  
[72] XENIDOU, MARIA, DE  
[71] HENKEL CORPORATION, US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025609)  
[87] (WO2012/112870)  
[30] US (61/444,242) 2011-02-18

[21] **2,827,678**  
[13] A1

[51] **Int.Cl. A61F 2/18 (2006.01)**  
[25] EN  
[54] **BIOABSORBABLE MULTILAYER NASAL VALVE SPREADER GRAFT**  
[54] **GREFFE D'ECARTEUR DE LA VALVE NASALE, MULTICOUCHE, BIOABSORBABLE**  
[72] CHEN, G. GAVIN, US  
[72] HRISTOV, KRASIMIRA, US  
[72] GUO, JIANXIN, US  
[72] MATRUNICH, JAMES A., US  
[72] ZHOU, JIANGUO JACK, US  
[71] ETHICON, INC., US  
[85] 2013-08-16  
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[87] (WO2012/112874)  
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[51] **Int.Cl. A01N 57/00 (2006.01) A61K 31/675 (2006.01)**  
[25] EN  
[54] **METHODS FOR SYNTHESIZING MOLYBDOPTERIN PRECURSOR Z DERIVATIVES**  
[54] **PROCEDES DE SYNTHÈSE DE DERIVES Z DE PRECURSEUR DE MOLYBDOPTERINE**  
[72] LONG, XIANGTIAN, CN  
[72] DAI, DANMEI, CN  
[72] BRUNNER, ANDREAS, CH  
[72] WATT, DEREK KEVIN, NZ  
[72] CLINCH, KEITH, NZ  
[72] BAARS, SYLVIA MYRNA, NZ  
[72] DIXON, RACHEL ANNE, NZ  
[72] LITTLE, GILLIAN MARY, GB  
[72] LANDREAU, CYRILLE ABEL SEBASTIEN, GB  
[72] PROISY, NICOLAS GEORGES RENE, GB  
[71] ALEXION PHARMA INTERNATIONAL SARL, CH  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025689)  
[87] (WO2012/112922)  
[30] US (61/444,399) 2011-02-18  
[30] US (61/444,280) 2011-02-18  
[30] US (61/444,389) 2011-02-18  
[30] US (61/498,801) 2011-06-20  
[30] US (61/498,808) 2011-06-20  
[30] US (61/599,314) 2012-02-15

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[13] A1

[51] **Int.Cl. G08C 17/00 (2006.01)**  
[25] EN  
[54] **ENERGY MONITORING DEVICE**  
[54] **DISPOSITIF DE SURVEILLANCE D'ENERGIE**  
[72] JOHNSON, KEVIN M., US  
[72] HUNTER, GREG, US  
[72] HILTON, PAUL C.M., US  
[71] OUTSMART POWER SYSTEMS, LLC, US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025696)  
[87] (WO2012/112924)  
[30] US (61/444,057) 2011-02-17

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[21] **2,827,683**  
[13] A1

[51] **Int.Cl. A43B 3/00 (2006.01)**  
[25] EN  
[54] **FOOTWEAR HAVING SENSOR SYSTEM**  
[54] **ARTICLE CHAUSSANT POSSEDANT UN SYSTEME CAPTEUR**  
[72] AMOS, MICHAEL S., US  
[72] OWINGS, ANDREW A., US  
[72] SCHROCK, ALLAN M., US  
[72] DEAN, ANTHONY, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025709)  
[87] (WO2012/112930)  
[30] US (61/443,802) 2011-02-17

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[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A43B 13/38 (2006.01)**  
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[54] **FOOTWEAR HAVING SENSOR SYSTEM**  
[54] **ARTICLE CHAUSSANT COMPORTANT UN SYSTEME CAPTEUR**  
[72] SCHROCK, ALLAN M., US  
[72] OWINGS, ANDREW A., US  
[72] AMOS, MICHAEL S., US  
[72] DEAN, ANTHONY C., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025710)  
[87] (WO2012/112931)  
[30] US (61/443,911) 2011-02-17

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[21] **2,827,685**  
[13] A1

[51] **Int.Cl. A43B 3/00 (2006.01) A63B 24/00 (2006.01)**  
[25] EN  
[54] **FOOTWEAR HAVING SENSOR SYSTEM**  
[54] **ARTICLE CHAUSSANT COMPORTANT UN SYSTEME CAPTEUR**  
[72] MOLYNEUX, JAMES, US  
[72] WEAST, AARON B., US  
[72] RICE, JORDAN M., US  
[72] SCHROCK, ALLAN M., US  
[72] AMOS, MICHAEL S., US  
[72] OWINGS, ANDREW A., US  
[72] KNIGHT, JONATHAN BING, US  
[72] STILLMAN, MARTINE, US  
[72] HORELL, JOSEPH B., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025713)  
[87] (WO2012/112934)  
[30] US (61/443,800) 2011-02-17

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[13] A1

[51] **Int.Cl. A43B 3/00 (2006.01) A63B 24/00 (2006.01)**  
[25] EN  
[54] **FOOTWEAR HAVING SENSOR SYSTEM**  
[54] **ARTICLE CHAUSSANT COMPORTANT UN SYSTEME CAPTEUR**  
[72] RICE, JORDAN M., US  
[72] WEAST, AARON, US  
[72] MOLYNEUX, JAMES, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-08-16  
[86] 2012-02-17 (PCT/US2012/025717)  
[87] (WO2012/112938)  
[30] US (61/443,801) 2011-02-17

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[13] A1

[51] **Int.Cl. B64C 33/02 (2006.01)**

[25] EN

[54] **HOVERING AND GLIDING  
MULTI-WING FLAPPING MICRO  
AERIAL VEHICLE**

[54] **MICRO-VEHICULE AERIEN A  
AILES MULTIPLES BATTANTES  
CAPABLE DE VOL  
STATIONNAIRE ET PLANE**

[72] RATTI, JAYANT, US

[72] JONES, EMANUEL, US

[72] VACHTSEVANOS, GEORGE, US

[71] GEORGIA TECH RESEARCH  
CORPORATION, US

[85] 2013-08-16

[86] 2012-02-17 (PCT/US2012/025718)

[87] (WO2012/112939)

[30] US (61/443,914) 2011-02-17

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[30] US (61/481,484) 2011-05-02

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[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01) A61K  
31/4025 (2006.01) A61K 31/407  
(2006.01) A61P 29/00 (2006.01) A61P  
37/00 (2006.01) A61P 37/08 (2006.01)  
C07D 403/06 (2006.01) C07D 403/12  
(2006.01) C07D 403/14 (2006.01)**

[25] EN

[54] **CYCLIC TETRAPEPTIDES AND  
THERAPEUTIC APPLICATIONS  
THEREOF**

[54] **TETRAPEPTIDES CYCLIQUES ET  
LEURS APPLICATIONS  
THERAPEUTIQUES**

[72] ZIMECKI, MICHAL, PL

[72] KASZUBA, ANDRZEJ, PL

[72] KACZMAREK, KRZYSZTOF, PL

[72] ZABROCKI, JANUSZ, PL

[71] PEPTADERM SP.Z.O.O., PL

[71] LODZ UNIVERSITY, PL

[85] 2013-08-18

[86] 2011-02-19 (PCT/US2011/025571)

[87] (WO2011/103524)

[30] PL (P.390493) 2010-02-19

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<p style="text-align: right;">[21] <b>2,823,244</b> [13] A1</p> <p>[51] <b>Int.Cl. C12P 1/00 (2006.01) C12P 5/00 (2006.01) C12P 7/02 (2006.01) C12P 7/40 (2006.01) C12P 19/00 (2006.01) C12P 21/00 (2006.01) D21B 1/04 (2006.01) D21C 1/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION</b></p> <p>[54] <b>METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE</b></p> <p>[72] MEDOFF, MARSHALL, US [71] XYLECO, INC., US [22] 2007-10-26 [41] 2008-06-19 [62] 2,667,628 [30] US (60/854,519) 2006-10-26 [30] US (60/863,290) 2006-10-27 [30] US (60/859,911) 2006-11-17 [30] US (60/875,144) 2006-12-15 [30] US (60/881,891) 2007-01-23</p>	<p style="text-align: right;">[21] <b>2,823,319</b> [13] A1</p> <p>[51] <b>Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR TRANSMITTING SENSOR RESPONSE DATA AND POWER THROUGH A MUD MOTOR</b></p> <p>[54] <b>PROCEDE ET APPAREIL POUR TRANSMETTRE DES DONNEES DE REPOSE DE SONDE ET D'ENERGIE AU TRAVERS D'UN MOTEUR A BOUE</b></p> <p>[72] KONSCHUH, CHRISTOPHER W., US [72] LARRONDE, MICHAEL L., US [72] THOMPSON, LARRY W., US [72] WISLER, MACMILLAN M., US [71] WEATHERFORD CANADA PARTNERSHIP, CA [22] 2006-08-23 [41] 2007-04-19 [62] 2,714,874 [30] US (11/203,057) 2005-10-07</p>	<p style="text-align: right;">[21] <b>2,823,392</b> [13] A1</p> <p>[51] <b>Int.Cl. A61M 15/00 (2006.01) A61M 15/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>INHALER FOR POWDERED, PARTICULARLY MEDICAL SUBSTANCES</b></p> <p>[54] <b>INHALATEUR POUR SUBSTANCES PULVERULENTES, EN PARTICULIER POUR SUBSTANCES MEDICALES</b></p> <p>[72] VON SCHUCKMANN, ALFRED, DE [71] SANOFI SA, CH [22] 2005-08-19 [41] 2006-03-02 [62] 2,576,074 [30] DE (102004041524.2) 2004-08-27</p>

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[21] **2,823,393**  
[13] A1

[51] **Int.Cl. B29C 45/17 (2006.01)**  
[25] EN  
[54] **SAFETY CONNECTOR FOR HOT RUNNER, HAVING LATCH DESTRUCTIVELY INTERLOCKING VALVE STEM WITH ACTUATION PLATE**  
[54] **CONNECTEUR DE SECURITE POUR CANAL CHAUFFANT, AYANT UN VERROU DESTINE A VERROUILLER DE MANIERE DESTRUCTIVE LA TIGE DE MANOEUVRE DE VANNE A LA PLAQUE D'ACTIONNEMENT**  
[72] BOUTI, ABDESLAM, US  
[72] GRAY, STEPHEN L., US  
[72] LAWRENCE, THOMAS A., US  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 2009-03-17  
[41] 2009-10-01  
[62] 2,718,133  
[30] US (61/038,798) 2008-03-24  
[30] US (61/044,949) 2008-04-15

[21] **2,823,398**  
[13] A1

[51] **Int.Cl. A63B 53/14 (2006.01)**  
[25] EN  
[54] **IMPROVED GOLF CLUB GRIP**  
[54] **POIGNEE DE CLUB DE GOLF AMELIOREE**  
[72] TREMULIS, WILLIAM S., US  
[72] DEG, MICHAEL JOHN, US  
[72] DEG, KYLE THOMAS, US  
[71] TREMULIS, WILLIAM S., US  
[22] 2005-07-08  
[41] 2006-01-26  
[62] 2,573,174  
[30] US (10/888,466) 2004-07-09

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[13] A1

[51] **Int.Cl. A63H 11/18 (2006.01) A63H 17/00 (2006.01)**  
[25] EN  
[54] **VIBRATION POWERED TOY**  
[54] **JOUET MU PAR VIBRATIONS**  
[72] NORMAN, DAVID ANTHONY, US  
[72] MIMLITCH, ROBERT H., III, US  
[72] GALLETTI, DOUGLAS MICHAEL, US  
[72] CARTER, JOEL REAGAN, US  
[71] INNOVATION FIRST, INC., US  
[22] 2010-09-24  
[41] 2011-03-31  
[62] 2,775,351  
[30] US (61/246,023) 2009-09-25  
[30] US (12/872,209) 2010-08-31

[21] **2,823,455**  
[13] A1

[51] **Int.Cl. A63H 11/18 (2006.01) A63H 17/00 (2006.01)**  
[25] EN  
[54] **VIBRATION POWERED TOY**  
[54] **JOUET MU PAR VIBRATIONS**  
[72] NORMAN, DAVID ANTHONY, US  
[72] MIMLITCH, ROBERT H., III, US  
[72] CARTER, JOEL REAGAN, US  
[72] GALLETTI, DOUGLAS MICHAEL, US  
[71] INNOVATION FIRST, INC., US  
[22] 2010-09-24  
[41] 2011-03-31  
[62] 2,775,351  
[30] US (61/246,023) 2009-09-25  
[30] US (12/872,209) 2010-08-31

[21] **2,823,472**  
[13] A1

[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/86 (2013.01)**  
[25] EN  
[54] **VASCULAR IMPLANT**  
[54] **IMPLANT VASCULAIRE**  
[72] BEN-MUVHAR, SHMUEL, IL  
[71] NEOVASC MEDICAL LTD., IL  
[22] 2004-11-18  
[41] 2005-06-02  
[62] 2,551,081  
[30] IL (158960) 2003-11-19

[21] **2,823,492**  
[13] A1

[51] **Int.Cl. B25J 17/02 (2006.01) A61B 19/00 (2006.01)**  
[25] EN  
[54] **STEERABLE MULTI-LINKED DEVICE HAVING A MODULAR LINK ASSEMBLY**  
[54] **DISPOSITIF ORIENTABLE A PLUSIEURS BIELLES AYANT UN ENSEMBLE DE BIELLES MODULAIRE**  
[72] ZUBIATE, BRETT, US  
[72] CHOSET, HOWARD, US  
[72] DEGANI, AMIR, US  
[72] SCHWERIN, MICHAEL, US  
[71] CARNEGIE MELLON UNIVERSITY, US  
[22] 2007-10-24  
[41] 2008-05-02  
[62] 2,667,576  
[30] US (60/862,636) 2006-10-24

[21] **2,823,572**  
[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01) H04W 24/10 (2009.01) H04W 84/18 (2009.01) H04B 7/02 (2006.01)**  
[25] EN  
[54] **GROUPING OF USERS FOR MIMO TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **REGROUPEMENT D'UTILISATEURS POUR TRANSMISSION MIMO DANS UN SYSTEME DE COMMUNICATION HERTZIENNE**  
[72] KIM, BYOUNG-HOON, US  
[72] MALLADI, DURGA PRASAD, US  
[71] QUALCOMM INCORPORATED, US  
[22] 2007-03-19  
[41] 2007-09-27  
[62] 2,643,512  
[30] US (60/784,837) 2006-03-20  
[30] US (60/785,601) 2006-03-24

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[21] **2,823,573**  
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01) H04B 7/02 (2006.01)**

[25] EN

[54] **GROUPING OF USERS FOR MIMO TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM**

[54] **REGROUPEMENT D'UTILISATEURS POUR TRANSMISSION MIMO DANS UN SYSTEME DE COMMUNICATION HERTZIENNE**

[72] KIM, BYOUNG-HOON, US  
[72] MALLADI, DURGA PRASAD, US  
[71] QUALCOMM INCORPORATED, US  
[22] 2007-03-19  
[41] 2007-09-27  
[62] 2,643,512  
[30] US (60/784,837) 2006-03-20  
[30] US (60/785,601) 2006-03-24

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[21] **2,823,723**  
[13] A1

[51] **Int.Cl. B61H 13/04 (2006.01) B60T 13/24 (2006.01) B60T 15/02 (2006.01) B60T 17/08 (2006.01) B61H 13/34 (2006.01)**

[25] EN

[54] **PARKING BRAKE ASSEMBLY FOR RAILWAY VEHICLE BRAKE SYSTEM**

[54] **ENSEMBLE DE FREIN DE STATIONNEMENT POUR SYSTEME DE FREIN DE VEHICULE FERROVIAIRE**

[72] SOMMERFELD, HOWARD, US  
[72] MARLOW, JONATHON, US  
[72] MORIARITY, MICHAEL J., US  
[72] KANJO, WAJIH, US  
[72] MEYER, DAVID, US  
[72] ANDERSON, BRADLEY, US  
[72] RING, MICHAEL, US  
[71] WABTEC HOLDING CORP., US  
[22] 2008-01-30  
[41] 2008-08-07  
[62] 2,675,608  
[30] US (60/898,564) 2007-01-31

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[21] **2,823,869**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 5/05 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01)**

[25] EN

[54] **WIRELESS PHYSIOLOGICAL MONITORING SYSTEM**

[54] **SYSTEME DE MONITORAGE PHYSIOLOGIQUE SANS FIL**

[72] MUMFORD, JOHN ROBERT, CA  
[72] KURTZ, RONALD LEON, CA  
[71] NATUS MEDICAL INCORPORATED, US  
[22] 2005-05-17  
[41] 2005-11-18  
[62] 2,507,789  
[30] US (60/571,890) 2004-05-18

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[21] **2,823,874**  
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) F21S 8/00 (2006.01) F21V 7/00 (2006.01) F21V 7/04 (2006.01)**

[25] EN

[54] **LUMINAIRE**

[54] **LUMINAIRE**

[72] OZA, NAPOLI, US  
[71] OSRAM SYLVANIA, INC., US  
[22] 2008-10-28  
[41] 2009-05-22  
[62] 2,703,221  
[30] US (11/940,556) 2007-11-15

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[21] **2,823,883**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61K 31/551 (2006.01) C07D 451/04 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC-SUBSTITUTED PIPERIDINE COMPOUNDS AND THE USES THEREOF**

[54] **COMPOSES DE PIPERIDINE SUBSTITUEE HETEROCYCLIQUES ET LEURS UTILISATIONS**

[72] BABA, YOSHIYASU, JP  
[72] BROWN, KEVIN C., US  
[72] GOEHRING, R. RICHARD, US  
[72] TSUNO, NAOKI, JP  
[71] PURDUE PHARMA L.P., US  
[71] SHIONOGI & CO., LTD., JP  
[22] 2008-01-15  
[41] 2008-07-24  
[62] 2,675,419  
[30] US (60/880,955) 2007-01-16  
[30] US (60/930,035) 2007-05-11

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[21] **2,823,905**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61K 31/551 (2006.01) C07D 451/04 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC-SUBSTITUTED PIPERIDINE COMPOUNDS AND THE USES THEREOF**

[54] **COMPOSES DE PIPERIDINE SUBSTITUEE HETEROCYCLIQUES ET LEURS UTILISATIONS**

[72] BABA, YOSHIYASU, JP  
[72] BROWN, KEVIN C., US  
[72] GOEHRING, R. RICHARD, US  
[72] TSUNO, NAOKI, US  
[71] PURDUE PHARMA L.P., US  
[71] SHIONOGI & CO., LTD., JP  
[22] 2008-01-15  
[41] 2008-07-24  
[62] 2,675,419  
[30] US (60/880,955) 2007-01-16  
[30] US (60/930,035) 2007-05-11



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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,823,922**  
[13] A1

[51] **Int.Cl. E21B 7/15 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
ADVANCEMENT OF A  
BOREHOLE USING A HIGH  
POWER LASER**

[54] **PROCEDE ET SYSTEME DEV  
PROGRESSION D'UN TROU DE  
FORAGE AU MOYEN D'UN  
LASER DE FORTE PUISSANCE**

[72] MOXLEY, JOEL F., US  
[72] LAND, MARK S., US  
[72] RINZLER, CHARLES C., US  
[72] FAIRCLOTH, BRIAN O., US  
[72] KOBLICK, YESHAYA, US  
[72] ZEDIKER, MARK S., US  
[71] FORO ENERGY INC., US  
[22] 2009-08-19  
[41] 2010-08-26  
[62] 2,734,492  
[30] US (61/090,384) 2008-08-20  
[30] US (61/102,730) 2008-10-03  
[30] US (61/106,472) 2008-10-17  
[30] US (61/153,271) 2009-02-17

[21] **2,824,075**  
[13] A1

[51] **Int.Cl. A61K 31/58 (2006.01) A61K  
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A61K 31/40 (2006.01) A61K 31/573  
(2006.01) A61P 11/06 (2006.01) A61P  
37/06 (2006.01)**

[25] EN  
[54] **COMBINATION OF R, R-  
GLYCOPYRROLATE,  
FORMOTEROL, AND A  
GLUCOCORTICOID FOR THE  
TREATMENT OF  
INFLAMMATORY DISEASES**

[54] **COMBINAISON DE R, R-  
GLYCOPYRROLATE,  
FORMOTEROLE ET D'UN  
GLUCOCORTICOIDE POUR LE  
TRAITEMENT DE MALADIES  
INFLAMMATOIRES**

[72] MAUS, JOACHIN, DE  
[72] KASTRUP, HORST, DE  
[72] BAUHOFER, ARTUR, DE  
[72] CNOTA, PETER, DE  
[72] SZELENYI, ISTVAN, DE  
[71] MEDA PHARMA GMBH & CO. KG,  
DE  
[22] 2006-12-01  
[41] 2007-06-28  
[62] 2,632,780  
[30] US (60/752,058) 2005-12-21

[21] **2,824,111**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01)**  
[25] EN  
[54] **MECHANICAL LOCKING  
SYSTEM FOR FLOOR PANELS  
AND A METHOD TO  
DISCONNECT FLOOR PANELS**

[54] **SYSTEME DE VERROUILLAGE  
MECANIQUE POUR DES  
PANNEAUX DE PLANCHER ET  
PROCEDE POUR DECROCHER  
DES PANNEAUX DE PLANCHER**

[72] PERVAN, DARKO, SE  
[71] VALINGE INNOVATION AB, SE  
[22] 2006-01-10  
[41] 2006-10-05  
[62] 2,600,800  
[30] US (11/092,748) 2005-03-30

[21] **2,824,308**  
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) A61P  
31/14 (2006.01)**

[25] EN  
[54] **TARGETING OPPOSITE STRAND  
REPLICATION INTERMEDIATES  
OF SINGLE-STRANDED VIRUSES  
BY RNAI**

[54] **CIBLAGE D'INTERMEDIAIRES  
DE REPLICATION DE BRINS  
OPPOSES DE VIRUS  
MONOCATENAIRE PAR ARNI**

[72] MCCALLUS, DANIEL E., US  
[72] GU, BAOHUA, US  
[72] PACHUK, CATHERINE J., US  
[71] ALNYLAM PHARMACEUTICALS,  
INC., US  
[22] 2005-09-26  
[41] 2006-04-06  
[62] 2,581,224  
[30] US (60/613,065) 2004-09-24

[21] **2,825,320**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G01R  
31/02 (2006.01) G01R 31/08 (2006.01)**

[25] EN  
[54] **DISTRIBUTION SYSTEM  
ANALYSIS USING METER DATA**

[54] **ANALYSE DE SYSTEME DE  
DISTRIBUTION PAR  
UTILISATION DE DONNEES DE  
MESURE**

[72] TAFT, JEFFREY D., IE  
[71] ACCENTURE GLOBAL SERVICES  
LIMITED, IE  
[22] 2010-01-12  
[41] 2010-07-22  
[62] 2,748,014  
[30] US (12/353,413) 2009-01-14  
[30] US (12/353,836) 2009-01-14

[21] **2,825,705**  
[13] A1

[51] **Int.Cl. B32B 5/02 (2006.01) B32B  
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(2006.01)**

[25] EN  
[54] **LAMINATED DECORATIVE  
PLATE**

[54] **PANNEAU DE DECORATION  
LAMINE**

[72] BUHLMANN, CARSTEN, DE  
[71] SURFACE TECHNOLOGIES GMBH  
& CO. KG, DE  
[22] 2008-06-04  
[41] 2008-12-11  
[62] 2,689,576  
[30] DE (102007026170.7) 2007-06-04

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[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 33/06 (2006.01) E21B 34/02 (2006.01) E21B 34/04 (2006.01) E21B 43/01 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR RECOVERING FLUIDS FROM A WELL AND/OR INJECTING FLUIDS INTO A WELL**

[54] **APPAREIL ET PROCÉDE POUR LA RECUPERATION DE FLUIDES A PARTIR D'UN PUIT ET/OU L'INJECTION DE FLUIDES DANS UN PUIT**

[72] DONALD, IAN, GB  
[72] REID, JOHN, US  
[71] CAMERON SYSTEMS (IRELAND) LIMITED, IE

[22] 2004-06-01  
[41] 2005-05-26  
[62] 2,526,714  
[30] GB (0312543.2) 2003-05-31  
[30] US (US 10/651,703) 2003-08-29  
[30] US (60/548,727) 2004-02-26  
[30] GB (0405471.4) 2004-03-11  
[30] GB (0405454.0) 2004-03-11

[21] **2,826,522**  
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) G06F 19/22 (2011.01) C07H 21/00 (2006.01) C07K 14/47 (2006.01) C12Q 1/68 (2006.01) C40B 30/00 (2006.01) C40B 40/08 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **GENETIC POLYMORPHISMS ASSOCIATED WITH LIVER FIBROSIS METHODS OF DETECTION AND USES THEREOF**

[54] **POLYMORPHISMES GENETIQUES ASSOCIES A DES TECHNIQUES DE DETECTION DE CIRRHOSE DU FOIE ET UTILISATION DE CES POLYMORPHISMES**

[72] CARGILL, MICHELE, US  
[72] HUANG, HONGJIN, US  
[71] CELERA CORPORATION, US

[22] 2005-05-09  
[41] 2005-11-24  
[62] 2,566,256  
[30] US (60/568,846) 2004-05-07  
[30] US (60/582,609) 2004-06-25  
[30] US (60/599,554) 2004-08-09

[21] **2,826,553**  
[13] A1

[51] **Int.Cl. B60T 13/66 (2006.01) B60T 17/22 (2006.01)**

[25] EN

[54] **END OF TRAIN DEVICE FOR ECP TRAINS**

[54] **DISPOSITIF DE QUEUE DE TRAIN POUR TRAINS A FREIN ELECTROMAGNETIQUE**

[72] ROOT, KEVIN B., US  
[72] STEVENS, DALE R., US  
[72] LUMBIS, ANTHONY W., US  
[72] PERRY, ALEXANDER G., US  
[71] NEW YORK AIR BRAKE CORPORATION, US

[22] 2007-11-07  
[41] 2008-07-03  
[62] 2,671,152  
[30] US (11/613,239) 2006-12-20

[21] **2,826,627**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) G01N 33/566 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **SPECIFIC BINDING PROTEINS AND USES THEREOF**

[54] **PROTEINES DE LIAISON SPECIFIQUES ET UTILISATIONS ASSOCIEES**

[72] OLD, LLOYD J., US  
[72] JOHNS, TERRANCE GRANT, AU  
[72] PANOUSIS, CON, AU  
[72] SCOTT, ANDREW MARK, AU  
[72] RENNER, CHRISTOPH, DE  
[72] RITTER, GERD, US  
[72] JUNGBLUTH, ACHIM, US  
[72] STOCKERT, ELISABETH, US  
[72] COLLINS, PETER, GB  
[72] CAVENEE, WEBSTER K., US  
[72] HUANG, HUEI-JEN, US  
[72] BURGESS, ANTHONY WILDS, AU  
[72] NICE, EDOUARD COLLINS, AU  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US

[22] 2002-05-13  
[41] 2002-11-21  
[62] 2,447,139  
[30] US (60/290,410) 2001-05-11  
[30] US (60/326,019) 2001-09-28  
[30] US (60/342,258) 2001-12-21

[21] **2,826,721**  
[13] A1

[51] **Int.Cl. B05D 1/26 (2006.01)**

[25] EN

[54] **CONTROLLED DISPENSING OF MATERIAL**

[54] **DISTRIBUTION CONTROLEE DE MATERIAU**

[72] MCGLINCHY, TIMOTHY BRYAN, US  
[72] BRIESE, WILLIAM A., US  
[71] GED INTEGRATED SOLUTIONS, INC., US

[22] 2004-01-16  
[41] 2004-11-06  
[62] 2,455,353  
[30] US (10/430,662) 2003-05-06

[21] **2,826,733**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01) C12N 15/67 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **HIGH EFFICIENCY GENE TRANSFER AND EXPRESSION IN MAMMALIAN CELLS BY A MULTIPLE TRANSFECTION PROCEDURE OF MAR SEQUENCES**

[54] **TRANSFERT ET EXPRESSION GENIQUE A EFFICACITE ELEVEE DANS DES CELLULES DE MAMMIFERES AU MOYEN D'UNE PROCEDURE DE TRANSFECTION MULTIPLE DE SEQUENCES MAR**

[72] MERMOD, NICOLAS, CH  
[72] GIROD, PIERRE ALAIN, CH  
[72] BUCHER, PHILIPP, CH  
[72] NGUYEN, DUC-QUANG, CH  
[72] CALABRESE, DAVID, CH  
[72] SAUGY, DAMIEN, CH  
[72] PUTTINI, STEFANIA, CH  
[71] SELEXIS S.A., CH

[22] 2004-10-22  
[41] 2005-05-06  
[62] 2,535,836  
[30] US (60/513,574) 2003-10-24  
[30] EP (04002722.9) 2004-02-06

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,826,738**  
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12N 5/16 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 40/08 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **POLYNUCLEOTIDES AND POLYPEPTIDE SEQUENCES INVOLVED IN CANCER**

[54] **SEQUENCES DE POLYNUCLEOTIDES ET DE POLYPEPTIDES IMPLIQUEES DANS LE CANCER**

[72] SOOKNANAN, ROY RABINDRANAATH, CA

[72] TREMBLAY, GILLES BERNARD, CA

[72] FILION, MARIO, CA

[71] ALETHIA BIOTHERAPEUTICS INC., CA

[22] 2007-06-22

[41] 2007-12-27

[62] 2,655,933

[30] US (60/815,829) 2006-06-23

[30] US (60/874,471) 2006-12-13

[21] **2,826,837**  
[13] A1

[51] **Int.Cl. G06F 21/62 (2013.01) G06F 21/31 (2013.01) G06F 21/45 (2013.01) H04L 9/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REMOTE RESET OF PASSWORD AND ENCRYPTION KEY**

[54] **SYSTEME ET METHODE DE REINITIALISATION A DISTANCE DE MOT DE PASSE ET DE CLE DE CHIFFREMENT**

[72] BROWN, MICHAEL S., CA

[72] BROWN, MICHAEL K., CA

[72] LITTLE, HERBERT A., CA

[71] BLACKBERRY LIMITED, CA

[22] 2007-05-11

[41] 2007-11-13

[62] 2,588,309

[30] EP (06113904.4) 2006-05-13

[21] **2,826,960**  
[13] A1

[51] **Int.Cl. C07K 14/515 (2006.01) A61K 49/22 (2006.01) C07K 1/113 (2006.01) C07K 14/00 (2006.01) C07K 14/475 (2006.01) C07K 17/02 (2006.01)**

[25] EN

[54] **TARGETING VECTOR-PHOSPHOLIPID CONJUGATES**

[54] **CONJUGUES VECTEUR DE CIBLAGE-PHOSPHOLIPIDES**

[72] BUSSAT, PHILIPPE, FR

[72] CHERKAOUI, SAMIR, FR

[72] FAN, HONG (HELEN), US

[72] LAMY, BERNARD, FR

[72] NANJAPPAN, PALANIAPPAN, US

[72] PILLAI, RADHAKRISHNA K., US

[72] SONG, BO, US

[72] SWENSON, ROLF E., US

[72] POCHON, SIBYLLE, CH

[71] BRACCO SUISSE SA, CH

[22] 2006-12-08

[41] 2007-06-14

[62] 2,631,716

[30] US (60/749,240) 2005-12-09

[30] US (60/833,342) 2006-07-25

[21] **2,826,981**  
[13] A1

[51] **Int.Cl. G01S 19/25 (2010.01) G01S 19/10 (2010.01) G01V 1/24 (2006.01)**

[25] EN

[54] **A SEISMIC MEASURING SYSTEM INCLUDING GPS RECEIVERS**

[54] **SYSTEME DE MESURE SISMIQUE COMPRENANT DES RECEPTEURS GPS**

[72] FENTON, PATRICK C., CA

[71] NOVATEL INC., CA

[22] 2004-07-16

[41] 2005-01-27

[62] 2,532,627

[30] US (60/488,124) 2003-07-17

[30] US (10/891,800) 2004-07-15

[21] **2,827,024**  
[13] A1

[51] **Int.Cl. B01D 53/84 (2006.01) B01D 53/62 (2006.01) B01J 8/22 (2006.01) C12M 1/04 (2006.01) C12M 1/107 (2006.01) C12M 1/40 (2006.01) C12N 9/88 (2006.01) C12N 11/00 (2006.01) C12P 3/00 (2006.01)**

[25] EN

[54] **CARBONIC ANHYDRASE SYSTEM AND PROCESS FOR TREATING A CO<sub>2</sub>-CONTAINING GAS**

[54] **SYSTEME D'ANHYDRASES CARBONIQUES ET PROCEDE POUR TRAITER UN GAZ CONTENANT DU CO<sub>2</sub>**

[72] PARENT, CARMEN, CA

[72] DUTIL, FREDERIC, CA

[71] CO<sub>2</sub> SOLUTIONS INC., CA

[22] 2002-07-11

[41] 2003-01-13

[62] 2,813,640

[30] CA (2,353,307) 2001-07-13

[21] **2,827,035**  
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/50 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF PROVIDING SYSTEM JOBS WITHIN A COMPUTE ENVIRONMENT**

[54] **SYSTEME ET PROCEDE FOURNISSANT DES EXECUTIONS DE SYSTEME AU SEIN D'UN ENVIRONNEMENT INFORMATIQUE**

[72] JACKSON, DAVID BRIAN, US

[71] ADAPTIVE COMPUTING ENTERPRISES, INC., US

[22] 2005-11-08

[41] 2006-05-18

[62] 2,586,763

[30] US (60/625,894) 2004-11-08

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[21] **2,827,114**  
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C07K 14/11 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/00 (2006.01) C12N 15/44 (2006.01) C12N 15/79 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **MULTI PLASMID SYSTEM FOR THE PRODUCTION OF INFLUENZA VIRUS**

[54] **SYSTEME MULTIPLASMIDE DE PRODUCTION DE VIRUS INFLUENZA**

[72] HOFFMAN, ERICH, US

[72] JIN, HONG, US

[72] LU, BIN, US

[72] DUKE, GREG, US

[72] KEMBLE, GEORGE WILLIAM, US

[71] MEDIMMUNE VACCINES, INC., US

[22] 2003-04-25

[41] 2003-11-06

[62] 2,482,946

[30] US (60/375,675) 2002-04-26

[30] US (60/394,983) 2002-07-09

[30] US (60/410,576) 2002-09-12

[30] US (60/419,802) 2002-10-18

[30] US (60/420,708) 2002-10-23

[30] US (60/457,699) 2003-03-24

[30] US (60/462,361) 2003-04-10

[21] **2,827,128**  
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) C12Q 1/00 (2006.01) G01N 33/566 (2006.01) G01N 33/567 (2006.01) G01N 33/574 (2006.01) G01N 33/84 (2006.01)**

[25] EN

[54] **T1R HETERO-OLIGOMERIC TASTE RECEPTORS, CELL LINES THAT EXPRESS SAID RECEPTORS, AND TASTE COMPOUNDS**

[54] **RECEPTEURS DU GOUT HETERO-OLIGOMERIQUES T1R, LIGNES CELLULAIRES EXPRIMANT CES RECEPTEURS, ET COMPOSES DU GOUT**

[72] LI, XIAODONG, US

[72] STASZEWSKI, LENA, US

[72] XU, HONG, US

[71] SENOMYX, INC., US

[22] 2004-08-06

[41] 2005-02-17

[62] 2,535,045

[30] US (60/494,071) 2003-08-06

[30] US (60/552,064) 2004-03-09

[21] **2,827,262**  
[13] A1

[51] **Int.Cl. B65D 1/16 (2006.01) B65D 1/40 (2006.01)**

[25] EN

[54] **PERFORMANCE ORIENTED PAIL**

[54] **SEAU EFFICACE**

[72] LUBURIC, FRANO, US

[71] ROPAK CORPORATION, US

[22] 2006-10-13

[41] 2007-04-26

[62] 2,625,977

[30] US (11/250,589) 2005-10-14

[21] **2,827,495**  
[13] A1

[51] **Int.Cl. A62C 37/08 (2006.01) A62C 37/14 (2006.01) B05B 1/26 (2006.01)**

[25] EN

[54] **RESIDENTIAL FIRE SPRINKLER**

[54] **EXTINCTEUR DOMESTIQUE**

[72] ROGERS, KENNETH W., US

[72] FESSEDEN, MARK E., US

[72] SILVA, MANUEL R., JR., US

[71] TYCO FIRE PRODUCTS LP, US

[22] 2005-11-29

[41] 2006-06-08

[62] 2,588,365

[30] US (11/000,128) 2004-12-01

[21] **2,827,504**  
[13] A1

[51] **Int.Cl. B25B 11/00 (2006.01) F16B 25/02 (2006.01) F16B 25/10 (2006.01)**

[25] EN

[54] **FASTENER, INSTALLATION TOOL AND RELATED METHOD OF USE**

[54] **FIXATION, OUTIL D'INSTALLATION ET METHODE D'UTILISATION CONNEXE**

[72] VANDENBERG, ROGER A., US

[71] NATIONAL NAIL CORP., US

[22] 2010-12-14

[41] 2011-07-13

[62] 2,725,340

[30] US (61/294,681) 2010-01-13

[30] US (61/320,128) 2010-04-01

[30] US (12/908,531) 2010-10-20

[21] **2,827,573**  
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/36 (2006.01)**

[25] EN

[54] **FIBER OPTIC DROP CABLES AND PRECONNECTORIZED ASSEMBLIES HAVING TONING PORTIONS**

[54] **CABLES DE DERIVATION A FIBRES OPTIQUES ET SYSTEMES MUNIS AU PREALABLE DE CONNEXEURS COMPORTANT DES SECTIONS DE FREQUENCAGE**

[72] MELTON, STUART R., US

[72] TRAN, HIEU V., US

[72] THOMPSON, DAVID A., US

[72] WAGMAN, RICHARD S., US

[72] GIMBLET, MICHAEL J., US

[72] LIU, XIN, US

[71] CORNING CABLE SYSTEMS LLC, US

[22] 2005-03-30

[41] 2006-04-27

[62] 2,584,251

[30] US (10/963,045) 2004-10-12

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		MALLA, PRAKASH B.	2,453,936		

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MILLER, MARK	2,571,280	NAGAOKA, NORIYUKI	2,712,943	NOVICHKOV, VLADIMIR	2,672,074
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MITCHELL, JOHN RICHARD	2,591,419	NAIR, RAJ	2,767,368	NOWAK, BART	2,664,248
MITEL NETWORKS CORPORATION	2,629,764	NAKAGAWA, HIDEKI	2,567,305	NTT DOCOMO, INC.	2,725,461
MITSUBISHI ELECTRIC CORPORATION	2,678,156	NAKAHIRA, RON K	2,579,572	NUMAGAMI, ATSUSHI	2,635,791
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MITSUBISHI HEAVY INDUSTRIES, LTD.	2,712,074	NAKANO, KEIKO	2,711,331	NUSS, JOHN M.	2,473,938
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,730,096	NAKATSU, BLAIR K.	2,566,391	NUYTS, WALTER	2,724,124
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,782,633	NAMBA, NAOKO	2,712,943	NYLUND, BLAKE JAMES	2,418,539
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MOHAMMED, MAZHAR	2,507,172	NC MEDICAL RESEARCH INC.	2,465,653	OHMURO, HITOSHI	2,711,539
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MOSLEY, CARROLL DAVID	2,674,329	NEVEU, JEAN-LOUIS	2,565,516	ORGANOGENESIS INC.	2,774,204
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MOTOROLA SOLUTIONS, INC.	2,728,533	NIKE INTERNATIONAL, LTD.	2,697,502	OTTERSBERG, STEVEN R.	2,353,867
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		NOVABRIK INTERNATIONAL INC.	2,492,250	PARATORE, ROBERT	2,744,061
		NOVAGALI PHARMA SA	2,625,568	PARENT, CARMEN	2,554,395
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HAMILTON SUNDSTRAND		KAMIJO, TAKASHI	LITENS AUTOMOTIVE GMBH	2,773,016
CORPORATION	2,806,951	KAMIL, MELIH	LIU, XIAOLI	2,809,802
HANSEN, JONATHAN	2,809,428	KAMMER, LEONARDO CESAR	LOGANATHAN, KAVITHAA	2,803,331
HARBOE, NIELS	2,810,195	KANAFANI, FADI	LOMSAK, MICHAEL J.	2,809,790
HARNISCHFEGER		KEANE, JAMES ABRAHAM	LOMSAK, MICHAEL J.	2,809,796
TECHNOLOGIES, INC.	2,810,067	KEITH, BRIAN DAVID	LORD, GILBERT	2,773,489
HARRO HOEFLIGER		KELLY, THOMAS JOSEPH	LORENTZ, JIM	2,772,722
VERPACKUNGSMASCHI		KELLY, THOMAS JOSEPH	LP SOLUTIONS LLC	2,808,156
NEN GMBH	2,809,860	KERKMAN, RUSSEL	LU, HAIHUI	2,810,593
HAWKE, RYAN	2,809,428	KERR, JAMES F.	LUKASZEWSKI, RICHARD	2,810,593
HAYHOW, ROBERT	2,810,547	KIMBALL, CORY G.	M & T YAN JEWELLERY	2,772,512
HAYHOW, ROBERT	2,810,616	KIMBALL, CORY G.	MAC-THIONG, JEAN-MARC	2,800,430
HAYHOW, ROBERT	2,810,618	KIMBALL, CORY G.	MADAN, ASHVANI K.	2,809,424
HEBERT, ERIC	2,772,550	KLEYMAN, GENNADY	MAGELLAN AEROSPACE,	
HEDEEN, ROBERT ARVIN	2,810,155	KNIGHT, STEPHEN J., III	WINNIPEG A DIVISION	
HEINTZMAN, RICK	2,788,023	KNITOWSKI, MARK	OF MAGELL	2,810,956
		KOBERG, RICHARD	MAGNO, JOEY D., JR.	2,810,260
		KOEHLER, ADAM J.	MANEUF, BERNARD	2,810,860
		KOEHN, JASON ANDREW	MARCOTTE, AMY L.	2,809,424
		KORVICK, DONNA L.	MARCOTTE, AMY L.	2,809,441
		KOSIE, ANDREW	MARINOV, MARIN	2,810,218
		KRAUS, BERND	MARKERT, CAROL THERESA	2,810,566

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MARTIN, NICOLAS	2,810,144	INTELLECTUAL		LIMITED	2,808,986
MARTIN, NICOLAS	2,810,186	CAPITAL, LLC	2,806,189	RESEARCH IN MOTION	
MARTINET, NATHALIE	2,794,775	OY GRANA FINLAND AB	2,809,393	LIMITED	2,809,562
MASTROIANNI, GAETANA	2,810,801	PARENT, STEFAN	2,800,430	RESEARCH IN MOTION	
MATERIAL CONTROL, INC.	2,794,780	PARKHURST, DAWN M.	2,808,759	LIMITED	2,810,056
MATT, ACHIM	2,810,864	PARRY, THOMAS OWEN	2,809,562	RESEARCH IN MOTION	
MCCUSKER, DANIEL	2,809,948	PATEL, BHAWAN B.	2,810,028	LIMITED	2,810,548
MCGRANE, BARRY	2,772,751	PATEL, BHAWAN B.	2,810,032	RESEARCH IN MOTION	
MCMASTER UNIVERSITY	2,810,938	PATEL, KANAIYALAL R.	2,784,240	LIMITED	2,810,552
MCMASTER UNIVERSITY	2,810,942	PEJAVER, SATISH	2,784,240	RESEARCH IN MOTION RF,	
MCMASTER UNIVERSITY	2,810,945	PELLERIN, MICHAEL	2,811,128	INC.	2,820,441
MCMILLAN, FRANCIS G.	2,810,961	PERLMAN, DAVID L.	2,798,727	RICHARD AND CAROLYN	
MCREAKEN, JANICE	2,810,557	PICCOLO, ANTONIO	2,810,801	KOBERG LIVING TRUST	2,821,073
MEARS, JEFF	2,809,527	PIROVANO, ALESSANDRO	2,772,286	RIO TINTO ALCAN	
MEARS, JEFF	2,809,607	PITSCH, WALTER	2,810,218	INTERNATIONAL	
MENHEERE, DAVID HAROLD	2,809,805	POTHUL, JOSEPH N.	2,772,726	LIMITED	2,772,550
MENHEERE, DAVID HAROLD	2,809,987	POTHUL, RONALD J.	2,772,726	RISHI KESAVAN, SHANMUGA	
MERCES, ALLA	2,810,040	PRATT & WHITNEY CANADA		PRIYA JANANI	2,809,548
MERK, MARCEL	2,809,436	CORP.	2,809,420	RIV RUBINETTERIE	
MIDWEST PRECISION		PRATT & WHITNEY CANADA		ITALIANE VELATTA SPA	2,792,387
PRODUCTS, INC.	2,810,639	CORP.	2,809,801	ROA, BENJAMIN B.	2,809,872
MIGLIORE, SANDRO	2,810,801	PRATT & WHITNEY CANADA		ROCKWELL AUTOMATION	
MILLER, JOHN H.	2,810,228	CORP.	2,809,802	TECHNOLOGIES, INC.	2,810,593
MILLER, MICHAEL	2,809,842	PRATT & WHITNEY CANADA		RODRIGUES, YAN	2,810,050
MITSUBISHI HEAVY		CORP.	2,809,805	ROTH, ERIC SCOTT	2,810,566
INDUSTRIES, LTD.	2,810,138	PRATT & WHITNEY CANADA		RUPIREDDY, RASHMI	2,779,971
MOFFETT RESEARCH AND		CORP.	2,809,987	RUSSELL, DAN	2,809,605
DEVELOPMENT LIMITED	2,772,751	PRATT & WHITNEY CANADA		RUSSELL, DAN	2,809,607
MONETTE, RAYMOND	2,810,860	CORP.	2,810,028	SAARI, DALE R.	2,810,740
MONTERO, RICHARD JOSEPH		PRATT & WHITNEY CANADA		SALERNO PACKAGING INC.	2,782,597
LAMPREA	2,810,557	CORP.	2,810,029	SAMARASOORIYA, VAJIRA	2,810,231
MORENO, OLEG	2,810,028	PRATT & WHITNEY CANADA		SAMPATH,	
MORENO, OLEG	2,810,032	CORP.	2,810,031	PARTHASARATHY	2,809,801
MORI, ROBERT FELICE	2,810,056	PRATT & WHITNEY CANADA		SAVCOR FOREST OY	2,773,010
MYRIAD GENETICS,		CORP.	2,810,032	SCHIEL, BYRON A.	2,806,868
INCORPORATED	2,809,872	PRIBANIC, RUSSELL	2,807,929	SCHLUMBERGER CANADA	
NAGAYASU, TATSUTO	2,810,138	PRICE, DANIEL W.	2,809,424	LIMITED	2,810,540
NAGRAID S.A.	2,809,458	PRICE, DANIEL W.	2,809,441	SCHMELZL, ERIC	2,798,343
NANDA, CHOUDHURY		PRICE, DANIEL W.	2,809,988	SCHULTE, JOHN B.	2,809,441
PRADYUMNA KESHORI	2,809,548	PRO-IRODA INDUSTRIES,		SCHULTZ, JEFFREY W.	2,810,096
NAUTA, ANDREW J.	2,772,456	INC.	2,809,554	SEITER, DANIELA	2,810,576
NAVISTAR DEFENSE		PROVENCHER, GUILLAUME	2,811,128	SEMAGINA, NATALIA	2,803,331
ENGINEERING, LLC	2,809,527	PULLIAINEN, MARTTI	2,773,010	SHEN, JING	2,803,331
NAVISTAR DEFENSE		PULTRALL INC.	2,773,042	SHINAGAWA, AKIO	2,810,216
ENGINEERING, LLC	2,809,605	PURI, NAVNEET	2,784,240	SHUEY, KENNETH C.	2,807,521
NAVISTAR DEFENSE		QNX SOFTWARE SYSTEMS		SHURMANTINE, WILLIAM	
ENGINEERING, LLC	2,809,607	LIMITED	2,772,368	NEAL	2,810,566
NAYAK, JITAMITRA	2,809,548	QUICKMOBILE INC.	2,786,095	SIEMENS	
NCS OILFIELD SERVICES		RAGHUNATHAN,		AKTIENGESELLSCHAFT	2,810,195
CANADA INC.	2,798,343	PADASHWINI	2,779,971	SILKAITIS, DANIUS P.	2,809,441
NEWELL, HEIDI ELISE	2,810,340	RAJAMANI, SARADHA	2,809,872	SINCLAIR, RODRICK A.	2,772,868
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NOTTORF, ERIC W.	2,810,615	REEVES WIRELINE		SLIDE MEI YAO	
NOWICKI, PAUL D.	2,810,228	TECHNOLOGIES LIMITED	2,783,923	INTERNATIONAL CO.,	
OAKES, JAMES	2,820,441	REFRACTORY SPECIALTIES,		LTD.	2,810,640
OERTLI, CHRISTIAN	2,810,561	INC.	2,810,740	SMITH, ROBERT C.	2,808,814
OESTERHELD, JOERG	2,809,818	REIMAN, HANNU	2,809,393	SMITH, ROBERT C.	2,808,815
OKAMOTO, TAKUYA	2,810,138	REMENTER, FRANKLIN	2,810,586	SMITH, ROBERT J.	2,794,775
OKONIEWSKI, GREGORY	2,808,772	RESEARCH IN MOTION		SNELL, SHAWN PAUL	2,801,381
OMNICARE, INC.	2,810,338	LIMITED	2,772,368	SODUM, RAMA	2,784,240
ONDULINE	2,810,379	RESEARCH IN MOTION		SOPPIMATH, KUMARESH	2,784,240
OTTA, GEORGE	2,772,812	LIMITED	2,806,868	SOUCY INTERNATIONAL INC.	2,811,128

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STASTNY, HONZA	2,809,801	VILK, GREGORY J.A.	2,773,151
STAUFFER, RAY	2,810,228	VOELZ, NICHOLAS R.	2,810,067
STEELE, JAY DAVID	2,810,056	VOON, GERARD	2,772,526
STERLING, BRAD	2,782,597	WALTER, INGO	2,773,016
STERN, GEORGE	2,809,842	WANZL	
STRAUB, KLAUS	2,809,860	METALLWARENFABRIK GMBH	2,810,576
STROMQUIST, MARTY	2,798,343	WEATHERFORD/LAMB, INC.	2,810,535
SUGITA, SATORU	2,810,138	WEI, LIXIANG	2,810,593
SULZER METCO AG	2,806,403	WEIDHAAS, JOANNE B.	2,772,338
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SUNTHARALINGAM, PIRANAVAN	2,810,945	WENDT, DAVID	2,810,067
SYNCRUDE CANADA LTD.	2,772,722	WESTPORT POWER INC.	2,819,721
SZESKO, MICHAEL J.	2,810,338	WHETTON, JAMES ANTHONY	2,783,923
TAMAI, KYOHEI	2,810,216	WHITACRE, RICHARD KENNETH	2,809,444
TATA CONSULTANCY SERVICES LIMITED	2,779,971	WHITLEY, JAMES K.	2,801,381
TATA CONSULTANCY SERVICES LIMITED	2,809,548	WHITLEY, TIMOTHY R.	2,772,574
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TERUMO MEDICAL CORPORATION	2,809,842	WI-LAN, INC.	2,810,231
THALES	2,810,144	WIGGINS, BARRY	2,808,759
THALES	2,810,186	WILSON, DARREN	2,772,730
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THE TORONTO DOMINION BANK	2,810,616	YAN, EAR	2,772,512
THE TORONTO DOMINION BANK	2,810,618	YAN, SOKHA	2,772,512
THERMOS L.L.C.	2,810,342	YE, XIAO JING	2,810,218
THERMOS L.L.C.	2,810,348	YEE, JUNG	2,810,231
THOMAS & BETTS INTERNATIONAL, INC.	2,810,260	YIN, XING	2,803,331
TRINDADE, ANTONIO	2,780,077	YIP, JASMINE	2,794,775
TROST, JEFFREY T.	2,809,872	YONEKAWA, TAKAHITO	2,810,138
TRUSKOSKI, ERIC	2,809,048	YUAN, SIMON	2,772,722
TSUJIUCHI, TATSUYA	2,810,138	YUAN, ZHENHUAN	2,810,593
TURNBULL, KEVIN	2,772,751	ZAMMIT, KELLY SARAH	2,810,315
UDALL, JIM	2,786,095	ZHANG, PINGYI	2,810,911
UNITED CONSTRUCTION PRODUCTS, INC.	2,810,079	ZHANG, YIN SHENG	2,773,095
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VANDENBERGHE, JESSICA	2,772,722		
VANSIA, MAYUR	2,794,775		
VELATTA, ARTEMIO	2,792,387		
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9269-1096 QUEBEC INC.	2,827,586	ALLERGAN, INC.	2,827,373	AREVALO, HERMENEGILD	2,827,042
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ACP JAPAN CO., LTD.	2,827,374	ALSTOM TECHNOLOGY LTD	2,827,362	AUTOMED TECHNOLOGIES, INC.	2,827,520
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NEUHAUS, CHRISTINE M.	2,827,196	NURMI, PIRKKO	2,827,558	PARK, SU-JUN	2,827,069
NEW YORK BLOOD CENTER,		NUSCALE POWER, LLC	2,827,493	PARKER, WILLIAM B.	2,827,645
INC.	2,826,969	NVS TECHNOLOGIES, INC.	2,827,040	PASQUERO, JEROME	2,821,674
NEWBERRY, PAUL		O'LEARY, MICHAEL JOHN	2,827,250	PASTORELLO, ANDREA	2,827,289
TERRENCE	2,827,224	O'LEARY, TIM JAMES	2,827,250	PATIL, SANJAY	
NEWBOUND, GARRET		OBENG-ADJEI, NYAMEKYE	2,827,080	VYANKATRAO	2,827,275
CONRAD	2,827,435	OBERHOFFER, HELMUT	2,827,617	PATRIE, KEVIN MICHAEL	2,827,401
NEWELL, MATTHEW B.	2,827,190	OBREGON, LUIS	2,823,562	PATTERSON, STEVEN R.	2,827,264
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PAVRI, NEVILLE	2,827,453	POWALA, CHRISTOPHER	2,827,373	RESEARCH IN MOTION	
PAVY, RICHARD	2,827,229	PRASAD, MOHAN	2,827,379	LIMITED	2,813,247
PAYS, ETIENNE	2,827,006	PRESIDENT AND FELLOWS		RESEARCH IN MOTION	
PEARCE, MARC F.	2,827,410	OF HARVARD COLLEGE	2,827,383	LIMITED	2,821,674
PEARSON, JOHN RICHARD		PRESTON, AMY GRIEL	2,827,050	RESEARCH IN MOTION	
ANTHONY	2,827,060	PREVX LIMITED	2,827,385	LIMITED	2,827,218
PEDDE, RICHARD	2,827,491	PRICE, MICHAEL JOHN	2,827,649	RETELLEBACH, NIKOLAUS	2,827,277
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PEEPBOO LIMITED	2,813,666	INTERNATIONAL	2,827,165	REVIVICOR, INC.	2,827,348
PEERACTIVE, INC.	2,827,131	PRODUCTIVE RESEARCH LLC	2,827,457	REYES, CANDICE	2,827,536
PEKDEMIR, TURGAY	2,827,227	PROGRESSIVE COMPONENTS		REYES, LEW ANDREW	2,827,145
PELTZ, LEORA	2,827,423	INTERNATIONAL		RHODIA OPERATIONS	2,827,107
PEM MANAGEMENT, INC.	2,827,544	CORPORATION	2,827,518	RHODIA OPERATIONS	2,827,534
PENALOZA-VAZQUEZ,		PROISY, NICOLAS GEORGES		RICE, JORDAN M.	2,827,685
ALEJANDRO	2,827,405	RENE	2,827,679	RICE, JORDAN M.	2,827,687
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PERKINS, GREG MARTIN		PURCELL, MARC	2,827,242	RIECK, HEIKO	2,827,304
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PERSSON, BENGT	2,827,283	QUAD COUNTY CORN		RIEDLINGER, JULIA	2,826,812
PETER, ANDREAS	2,827,325	PROCESSORS	2,827,448	RIEDLINGER, JULIA	2,826,815
PETTERSSON, BO	2,827,009	QUICK, PAUL	2,827,105	RIEDLINGER, JULIA	2,826,818
PETZOLDT, JOCHEN	2,827,548	QUIGLEY, MICHAEL	2,827,267	RIEDLINGER, JULIA	2,826,820
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PFUFF, OTMAR	2,827,052	RAAB, STEFFEN	2,827,381	RIGOTTI, GINO	2,827,067
PHILIP, BRADLEY S.	2,827,073	RABINOVICH, MICHAEL B.	2,827,413	RINELLA, JOSEPH	2,827,033
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CORPORATION INC.	2,827,583	RAINA, RAJAT	2,827,013	ALI	2,827,212
PICHETTE, MATHEW	2,827,575	RAMOT AT TEL AVIV		ROBIN, THIERRY	2,827,445
PILEPRO LLC	2,827,243	UNIVERSITY LTD.	2,827,188	ROBINET, NICOLAS	2,827,364
PIPP, FREDERIC CHRISTIAN	2,827,052	RANBAXY LABORATORIES		ROBISON, JEREMIAH	2,827,141
PIRAMAL ENTERPRISES		LIMITED	2,827,379	ROBITAILLE, JAMES M.	2,827,182
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PIVOTAL THERAPEUTICS,		RATTI, JAYANT	2,827,688	ROGGERO, CARLO MARIA	2,827,246
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PIVOTAL THERAPEUTICS,		RAUCHFUSS, HARDY	2,827,227	ROIJER, EVA	2,827,618
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PIVOTAL THERAPEUTICS,		RAVIKOVITCH, PETER I.	2,826,987	R.	2,827,330
INC.	2,827,577	RAVIKOVITCH, PETER I.	2,826,989	ROLLINGER, WOLFGANG	2,826,818
PIVOTAL THERAPEUTICS,		RAYCAP, S.A.	2,826,849	RONCHI, ANDREW JAMES	2,827,113
INC.	2,827,579	RAYCAP, S.A.	2,826,852	RONCHI, DANIEL MATTHEW	2,827,113
PIVOTAL THERAPEUTICS,		RAYMOND, FRANCOIS	2,827,047	ROSELL NOVEL, ANNA	2,827,461
INC.	2,827,585	REBOUT, LISE	2,827,229	ROSENTHAL, MICHAEL H.	2,827,034
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PLUMMER, JESSICA LYNN	2,826,842	RETAIL, LLC	2,827,270	ROSSI, STEPHEN A.	2,827,196
PNEUMOSONICS, INC.	2,827,528	REESE, ROBERT J.	2,827,292	ROSSINES, ELISABETH	2,827,239
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PONSSE OYJ	2,827,562	REINDL, JUERGEN	2,827,052	RUETER, JAIMIE KARYN	2,827,057
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S. C. JOHNSON & SON, INC.	2,827,604	SCHINI-KERTH, VALERIE	2,827,561	SHAHBAZFAR, REZA	2,827,381
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SAUCHUK, VIKTAR	2,827,391	SECORA, STEVEN J.	2,827,529	SIEMENS AKTIENGESELLSCHAFT	2,827,525
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SONG, YI	2,827,406	SUH, JONGYEUL	2,827,384	TANIKAWA, KYOKO	2,827,278
SONG, YI	2,827,427	SUKUMAR, RAMANUJAM	2,827,275	TAOKA, HIDEKAZU	2,827,353
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AB	2,827,570	SUN, HAI WEI	2,827,278	TECHNOLOGIES, INC.	2,827,190
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STAHL, MICHAEL	2,827,222	SUNTORY HOLDINGS		TERANISHI, HIROTAKA	2,827,629
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STANFILL, CRAIG W.	2,827,312	SURACE, KEVIN J.	2,827,276	ALPHONSE	2,826,876
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FAIRCLOTH, BRIAN O.	2,823,922	MARLOW, JONATHON	2,823,723	ROGERS, KENNETH W.	2,827,495
FAN, HONG (HELEN)	2,826,960	MAUS, JOACHIN	2,824,075	ROOT, KEVIN B.	2,826,553
FENTON, PATRICK C.	2,826,981	MCCALLUS, DANIEL E.	2,824,308	ROPAK CORPORATION	2,827,262
FESSEDEN, MARK E.	2,827,495	MCGLINCHY, TIMOTHY BRYAN	2,826,721	SANOFI SA	2,823,392
FILION, MARIO	2,826,738	MEDA PHARMA GMBH & CO. KG	2,824,075	SAUGY, DAMIEN	2,826,733
FORO ENERGY INC.	2,823,922			SCHWERIN, MICHAEL	2,823,492
				SCOTT, ANDREW MARK	2,826,627
				SELEXIS S.A.	2,826,733
				SENOMYX, INC.	2,827,128
				SHIONOGI & CO., LTD.	2,823,883

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SHIONOGI & CO., LTD.	2,823,905
SILVA, MANUEL R., JR.	2,827,495
SOMMERFELD, HOWARD	2,823,723
SONG, BO	2,826,960
SOOKNANAN, ROY	
RABINDRANAATH	2,826,738
STASZEWSKI, LENA	2,827,128
STEVENS, DALE R.	2,826,553
STOCKERT, ELISABETH	2,826,627
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GMBH & CO. KG	2,825,705
SWENSON, ROLF E.	2,826,960
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BERNARD	2,826,738
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XU, HONG	2,827,128
XYLECO, INC.	2,823,244
XYLECO, INC.	2,823,305
XYLECO, INC.	2,823,382
ZEDIKER, MARK S.	2,823,922
ZUBIATE, BRETT	2,823,492