



APPLICATIONS UNDER EXAMINATION

CLEMATIS

CLEMATIS
(Clematis viticella)

Proposed denomination: 'Evipo003'
Trade name: Ice Blue
Application number: 06-5255
Application date: 2006/02/28
Applicant: Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark
Agent in Canada: Fred Braman, Miller Thomson Pouliot, Montreal, Quebec
Breeder: Mogens Oleson and Raymond Evison, Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Varieties used for comparison: 'Evipo017' (Angélique) and 'Elsa Spath'

Summary: 'Evipo003' has light violet blue sepals, which are lighter in colour than the sepals of the reference varieties 'Evipo017' and 'Elsa Spath'. There is no secondary colour on the upper side of the sepals of 'Evipo003', whereas 'Elsa Spath' has a secondary colour in a central bar pattern. There are two colours on the lower side of the sepals of 'Evipo003', while the sepals of 'Elsa Spath' have three colours on the lower side. The margins of the sepals of 'Evipo003' are weakly undulating, compared with the margins of the sepals of 'Evipo017' which have strong undulation. 'Evipo003' has cream coloured anthers while 'Elsa Spath' has reddish purple anthers.

Description:

PLANT: climbing, weak to medium vigour, medium to dense pubescence on young shoot

LEAVES: ternate

BASAL LEAFLET: ovate, acuminate apex, obtuse to cordate base, entire margin, no lobing, medium green on upper side, no variegation, absent to weak rugosity

FLOWERS: solitary and clustered arrangement, upwards orientation, single flower type, rotate shape, flat to convex in cross section, weak fragrance

SEPALS: six to eight, overlapping, elliptic, flat to convex in cross section, flat to moderately reflexed in longitudinal section, cuspidate apex, type two base, weak undulation on margin, no twisting along longitudinal axis

SEPAL UPPER SIDE: one colour, light violet blue, lighter towards middle

SEPAL LOWER SIDE: two colours, light violet blue main colour, white secondary colour in central bar pattern

PETALOID STAMINODES: absent

STAMEN: white filament, cream coloured anthers

PISTIL: white stigma, whitish green style

FLOWERING: on previous and current year's growth, late spring to early summer

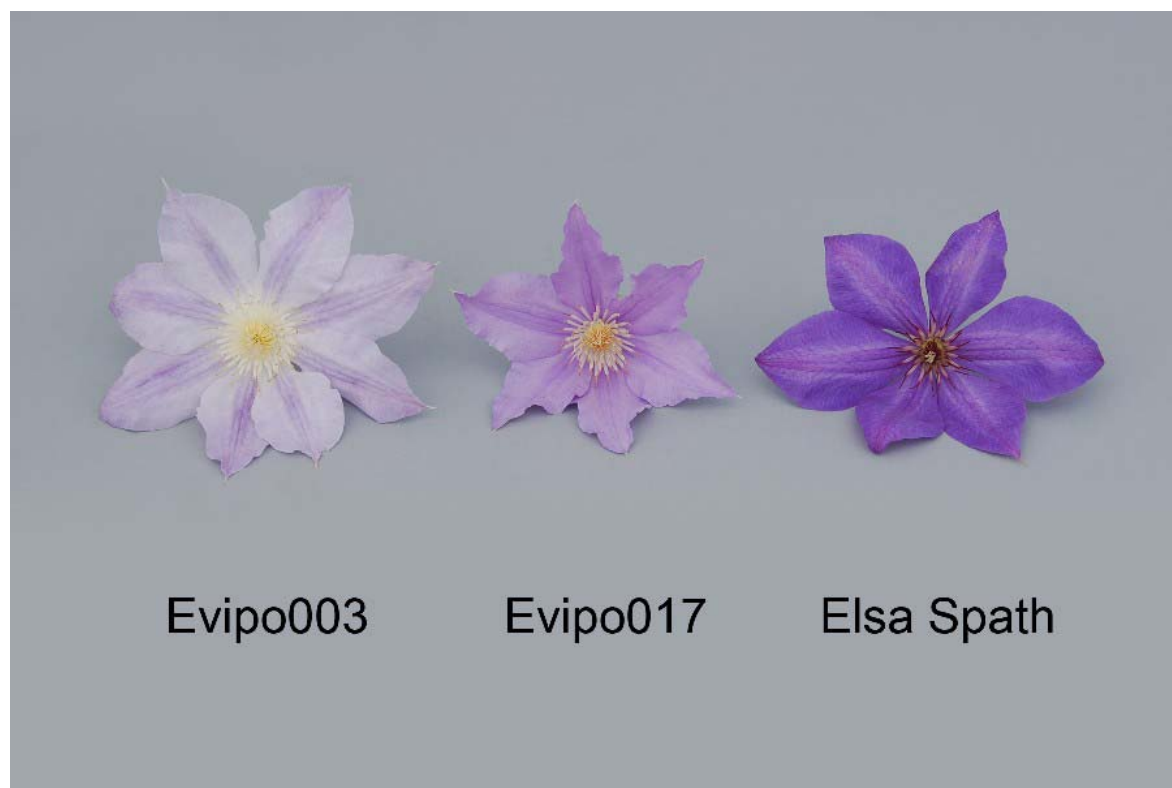
Origin and Breeding: 'Evipo003' originated from a controlled crossing between two unnamed seedlings in Guernsey, UK, during the spring of 1995. The resulting seeds were germinated in January of 1996 and the seedlings were evaluated under controlled conditions during the following summer. After the initial evaluation of the seedlings, the new variety was selected and assigned a breeding code, and it was reproduced by asexual propagation from vegetative cuttings. The breeding objective was to create a new variety with white flowers with a slight violet blue tone, with flowers developing on the lower portion of the plant, lower than the previous season's height.

Tests and Trials: Trials for ‘Evipo003’ were conducted during the spring and summer of 2008 in St. Thomas, Ontario. The trials included 6 plants of each variety. Bare-rooted plants were planted in 4.5 inch pots on December 10, 2006 and grown in a polyhouse. All plants were transplanted in the field on May 29, 2007, spaced 2 feet apart and trained to grow along a trellis. Observations and measurements were taken from 10 plant parts of each variety on June 27, 2008. All colour measurements were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

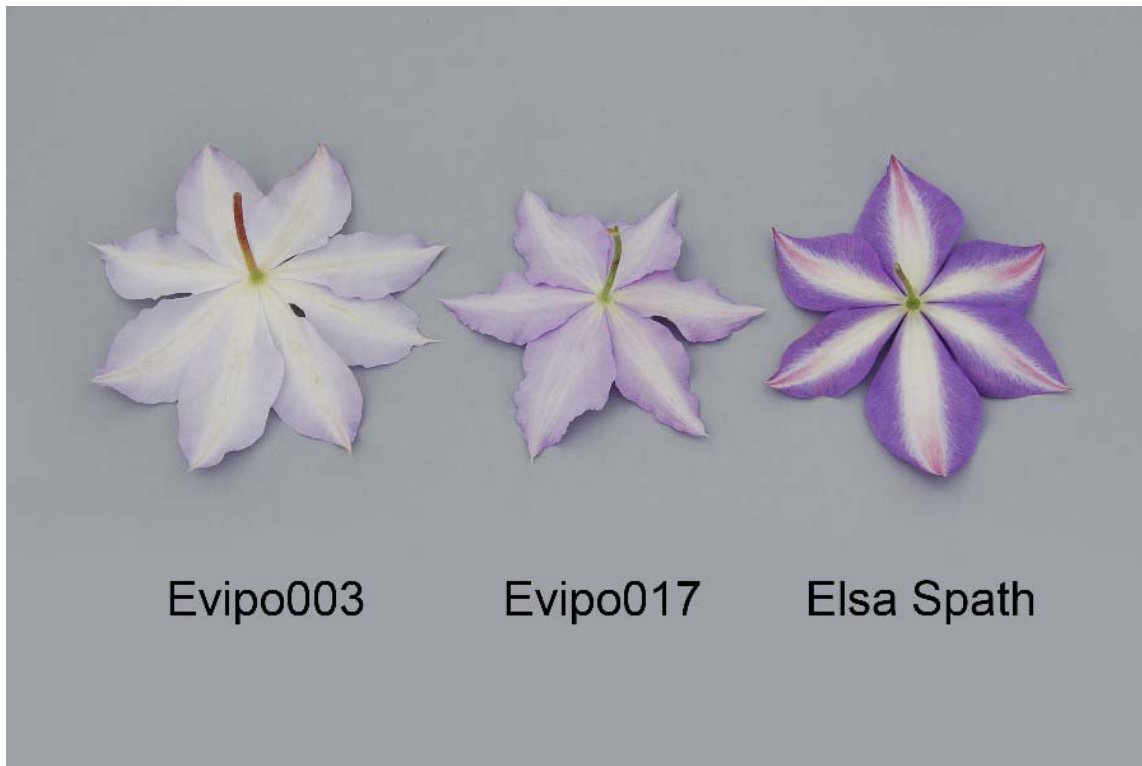
Comparison table for ‘Evipo003’

	‘Evipo003’	‘Evipo017’*	‘Elsa Spath’*
<i>Colour of upper side of sepal (RHS)</i>			
main	91B-C	N88C	N88B, with N88A veins
secondary	n/a	n/a	N88C to N87B
<i>Colour of lower side of sepal (RHS)</i>			
main	91D	N88D	90D
secondary	white - 155A	white - 155A	white - 155A
tertiary	n/a	n/a	N78B-C

*reference varieties



Clematis: ‘Evipo003’ (left) with reference varieties ‘Evipo017’ (centre) and ‘Elsa Spath’ (right)



Clematis: 'Evipo003' (left) with reference varieties 'Evipo017' (centre) and 'Elsa Spath' (right)

Proposed denomination: 'Evipo017'
Trade name: Angélique
Application number: 06-5252
Application date: 2006/02/28
Applicant: Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark
Agent in Canada: Fred Braman, Miller Thomson Pouliot, Montreal, Quebec
Breeder: Mogens Oleson and Raymond Evison, Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Varieties used for comparison: 'Evipo003' (Ice Blue) and 'Elsa Spath'

Summary: 'Evipo017' differs from the reference varieties 'Evipo003' and 'Elsa Spath' in flower colour. The main colour of the upper side of the sepals of 'Evipo017' is lighter blue violet than 'Elsa Spath' and darker than 'Evipo003'. 'Evipo017' sepals have only one colour on the upper side, whereas 'Elsa Spath' has two colours on the upper side of the sepals. The undulation of the sepal margins is strong for 'Evipo017', while it is weak for 'Evipo003' and very weak for 'Elsa Spath'. 'Evipo017' has cream coloured anthers, compared with 'Elsa Spath' which has reddish purple anthers.

Description:

PLANT: climbing, weak to medium vigour, moderate pubescence on young shoot

LEAVES: ternate

BASAL LEAFLET: ovate, acute to cuspidate apex, acute to obtuse base, entire margin, no lobing, medium green on upper side, no variegation, absent to weak rugosity

FLOWERS: solitary and clustered arrangement, upwards orientation, single flower type, rotate shape, flat to concave in cross section, weak fragrance

SEPALS: six to eight, overlapping, ovate, flat to concave in cross section, flat to moderately reflexed in longitudinal section, cuspidate apex, type one base, strong undulation on margin, no twisting along longitudinal axis

SEPAL UPPER SIDE: one colour, blue violet, even distribution,

SEPAL LOWER SIDE: two colours, blue violet main colour, white central bar secondary colour

PETALOID STAMINODES: absent

STAMEN: white filament, cream coloured anthers

PISTIL: white stigma, white style

FLOWERING: on previous and current year's growth, late spring to early summer

Origin and Breeding: 'Evipo017' originated from a controlled crossing between two unnamed seedlings in Guernsey, UK, during the spring of 1995. The resulting seeds were germinated in January of 1996 and the seedlings were evaluated under controlled conditions during the following summer. After the initial evaluation of the seedlings, the new variety was selected and assigned a breeding code, and it was reproduced by asexual propagation from vegetative cuttings. The breeding objective was to create a new variety with light violet flowers, good repeat flowering, compact habit, suitability for containers and good flowering as a young plant.

Tests and Trials: Trials for 'Evipo017' were conducted during the spring and summer of 2008 in St. Thomas, Ontario. The trials included 6 plants of each variety. Bare-rooted plants were planted in 4.5 inch pots on December 10, 2006 and grown in a polyhouse. All plants were transplanted in the field on May 29, 2007, spaced 2 feet apart and trained to grow along a trellis. Observations and measurements were taken from 10 plant parts of each variety on June 27, 2008. All colour measurements were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Evipo017'

	'Evipo017'	'Evipo003'*	'Elsa Spath'*
<i>Colour of upper side of sepal (RHS)</i>			
main	N88C	91B-C	N88B (with N88A veins)
secondary	n/a	n/a	N88C to N87B
<i>Colour of lower side of sepal (RHS)</i>			
main	N88D	91D	90D
secondary	white - 155D	white - 155A	white - 155A
tertiary	n/a	n/a	N78B-C

*reference varieties



Clematis: 'Evipo017' (left) with reference varieties 'Evipo003' (centre) and 'Elsa Spath' (right)



Clematis: 'Evipo017' (left) with reference varieties 'Evipo003' (centre) and 'Elsa Spath' (right)

Proposed denomination: 'Evipo019'
Trade name: Parisienne
Application number: 06-5254
Application date: 2006/02/28
Applicant: Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark
Agent in Canada: Fred Braman, Miller Thomson Pouliot, Montreal, Quebec
Breeder: Mogens Oleson and Raymond Evison, Poulsen Roser A/S & Raymond J. Evison, Ltd., Fredensborg, Denmark

Note: The applicant has requested an exemption from compulsory licensing to allow time to multiply and distribute propagating material of the variety. If the exemption is granted, it may be allowed for two years from the date rights are granted for the variety.

Variety used for comparison: 'Elsa Spath'

Summary: *'Evipo019' has ovate sepals that are narrower than the sepals of 'Elsa Spath' which are elliptic in shape. Although the two varieties have a similar main flower colour, 'Evipo019' has two colours on the lower side of the sepals, whereas 'Elsa Spath' has three colours on the lower side. The sepals of 'Evipo019' have a moderately undulating margin, while the sepals of 'Elsa Spath' have very weak undulation along the margin.*

Description:

PLANT: climbing, weak to medium vigour, medium to dense pubescence on young shoot

LEAVES: ternate

BASAL LEAFLET: ovate, acute to cuspidate apex, obtuse to cordate base, entire margin, no lobing, light green on upper side, no variegation, absent to weak rugosity

FLOWERS: solitary and clustered arrangement, upwards orientation, single flower type, rotate shape, concave in cross section, absent to very weak fragrance

SEPALS: six to eight, overlapping, ovate, concave in cross section, moderately reflexed in longitudinal section, cuspidate apex, type two base, medium undulation on margin, no twisting along longitudinal axis

SEPAL UPPER SIDE: two colours, blue violet main colour, violet secondary colour in central bar pattern

SEPAL LOWER SIDE: two colours, blue violet main colour, white secondary colour in central bar pattern

PETALOID STAMINODES: absent

STAMEN: white filament with purple towards apex, reddish purple anthers

PISTIL: cream coloured stigma, cream coloured style (with green tones)

FLOWERING: on previous and current year's growth, late spring to early summer

Origin and Breeding: 'Evipo019' originated from a controlled crossing between two unnamed seedlings in Guernsey, UK, during the spring of 1995. The resulting seeds were germinated in January of 1996 and the seedlings were evaluated under controlled conditions during the following summer. After the initial evaluation of the seedlings, the new variety was selected and assigned a breeding code, and it was reproduced by asexual propagation from vegetative cuttings. The breeding objective was to create a new variety with a compact free flowering habit for small containers, repeat flowering habit and good flowering as a young plant.

Tests and Trials: Trials for 'Evipo019' were conducted during the spring and summer of 2008 in St. Thomas, Ontario. The trials included 6 plants of each variety. Bare-rooted plants were planted in 4.5 inch pots on December 10, 2006 and grown in a polyhouse. All plants were transplanted in the field on May 29, 2007, spaced 2 feet apart and trained to grow along a trellis. Observations and measurements were taken from 10 plant parts of each variety on June 27, 2008. All colour measurements were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Evipo019'

	'Evipo019'	'Elsa Spath'*
<i>Width of sepal (cm)</i>		
mean	2.8	3.7
std. deviation	0.30	0.25
<i>Colour of upper side of sepal (RHS)</i>		
main	more purple than 90C	N88B
secondary	N82B-C, N80A in veins at base	N88C to N87B
<i>Colour of lower side of sepal (RHS)</i>		
main	N88C-D	90D
secondary	white - 155B	white - 155A
tertiary	n/a	

*reference variety



Clematis: 'Evipo019' (left) with reference variety 'Elsa Spath' (right)



Clematis: 'Evipo019' (left) with reference variety 'Elsa Spath' (right)
