



(12) **United States Plant Patent**
Fleischle

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(54) ***STREPTOCARPUS* PLANT NAMED**
‘ROULETTE AZUR’

(50) Latin Name: *Streptocarpus*×*hybridus* *voss*
Varietal Denomination: **Roulette Azur**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** **Plt./333**
See application file for complete search history.

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(57) **ABSTRACT**

A new cultivar of *Streptocarpus* plant named ‘Roulette Azur’
that is characterized by a large quantity of white flowers with
violet margins primarily on the lower three petals, short
leaves and short pedicels.

1 Drawing Sheet

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Botanical classification: *Streptocarpus*×*hybridus* *Voss*.
Variety denomination: ‘Roulette Azur’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Streptocarpus* plant botanically known as *Streptocarpus*
and hereinafter referred to by the cultivar name ‘Roulette
Azur’.

‘Roulette Azur’ is a hybrid that originated from a crossing
in the June of 2004 of the female or seed parent *Streptocarpus*
cultivar named ‘Roulette Cherry’ and the male or pollen par-
ent an unnamed proprietary *Streptocarpus* cultivar (not pat-
ented). The resulting seeds were subsequently planted and
grown. The cultivar ‘Roulette Azur’ was selected by the
inventor in April of 2005 as a single plant within the progeny
of the stated cross in Vaihingen/Enz, Germany.

Asexual reproduction of the new cultivar ‘Roulette Azur’
first occurred by leaf cuttings in July of 2005 in Vaihingen/
Enz, Germany. Since that time, under careful observation, the
unique characteristics of the new cultivar have been uniform,
stable and reproduced true to type in successive generations
of asexual reproduction.

SUMMARY OF THE INVENTION

The following represent the distinguishing characteristics
of the new *Streptocarpus* cultivar ‘Roulette Azur’. These
traits in combination distinguish ‘Roulette Azur’ as a new and
distinct cultivar apart from other existing known varieties of
Streptocarpus.

1. *Streptocarpus* ‘Roulette Azur’ exhibits a large quantity
of flowers.
2. *Streptocarpus* ‘Roulette Azur’ exhibits white flowers
with violet margins primarily on the lower three petals.
3. *Streptocarpus* ‘Roulette Azur’ exhibits short leaves.
4. *Streptocarpus* ‘Roulette Azur’ exhibits short pedicels.

The closest comparison cultivar is *Streptocarpus* ‘Spirit’
(U.S. Plant patent application No. 12/150,575).

‘Roulette Azur’ is distinguishable from ‘Spirit’ by the fol-
lowing characteristics:

1. ‘Roulette Azur’ has flowers with an undulating petal rim.

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2. ‘Roulette Azur’ has white flowers with violet margins
primarily on the lower three petals. The flowers of
‘Spirit’ are light blue with dark violet veins.

3. ‘Roulette Azur’ has light green pedicels. The pedicels of
‘Spirit’ are dark purple-green.

4. ‘Roulette Azur’ exhibits flowers that are rounded. The
flowers of ‘Spirit’ are more angular.

‘Roulette Azur’ is distinguishable from the female or seed
parent ‘Roulette Cherry’ (U.S. Plant patent application No.
12/150,589) by the following characteristics:

1. ‘Roulette Azur’ has white flowers with violet margins
primarily on the lower three petals. The flowers of ‘Rou-
lette Cherry’ are white with red outer lobes.

2. ‘Roulette Azur’ has smaller flowers.

3. ‘Roulette Azur’ has shorter leaves.

4. ‘Roulette Azur’ has shorter pedicels.

‘Roulette Azur’ is distinguishable from the unnamed male
or pollen parent by the following characteristics:

1. ‘Roulette Azur’ has white flowers with violet margins
primarily on the lower three petals. The flowers of the
pollen parent are white.

2. ‘Roulette Azur’ has larger flowers.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying photograph illustrates the distinguish-
ing traits of *Streptocarpus* ‘Roulette Azur’. The plant in the
photograph shows an overall view of a 10 week old plant. The
photograph was taken using conventional techniques and
although colors may appear different from actual colors due
to light reflectance it is as accurate as possible by conven-
tional photographic techniques.

BOTANICAL DESCRIPTION OF THE PLANT

The following is a detailed description of the new *Strepto-
carpus* cultivar named ‘Roulette Azur’. Data was collected in
Vaihingen/Enz, Germany from 10 week old glass greenhouse
grown plants in 12 cm. diameter containers. The time of year
was Winter and the temperature range was 20-22 degrees
Centigrade during the day and 18-22 degrees Centigrade at
night. The light level was 2000 to 3000 Lux. No photoperi-

odic treatments or growth retardants were used. Color determinations are in accordance with The Royal Horticultural Society Colour Chart 2007 edition, except where general color terms of ordinary dictionary significance are used. The growing requirements are similar to the species. 'Roulette Azur' has not been tested under all possible conditions and phenotypic differences may be observed with variations in environmental, climatic, and cultural conditions, however, without any variance in genotype.

Botanical classification: *Streptocarpus* 'Roulette Azur'.

Use: Indoor plant or ornamental perennial in warmer climates.

Parentage: 'Roulette Azur' is a hybrid of the female or seed parent *Streptocarpus* 'Roulette Cherry' and the male or pollen parent an unnamed proprietary *Streptocarpus* cultivar.

Vigor: Moderate.

Growth habit: Ground hugging, clump forming.

Plant shape: Rounded, clump forming plant with upright leaves.

Suitable container size: 12 cm. pots.

Height: 15 cm. in height.

Width: 26 cm. in width.

Low temperature tolerance: 8° Centigrade.

High temperature tolerance: 30° Centigrade.

Propagation: Leaf cuttings.

Time to initiate roots in summer: 25 days to initiate roots at 24° Centigrade.

Time to initiate roots in winter: 21 days to initiate roots at 22° Centigrade.

Time to produce a rooted cutting or liner in summer: 135 days at 24° Centigrade.

Time to produce a rooted cutting or liner in winter: 125 days at 22° Centigrade.

Crop time: Approximately 8 to 10 weeks.

Root system: Fibrous.

Stem: No stems, Leaves grow directly from base, Average 13 clumps.

Foliage:

Texture.—Glossy.

Leaf arrangement.—In whorls.

Compound or single.—Single.

Leaf shape.—Obolanceolate.

Leaf apex.—Obtuse.

Leaf base.—Attenuate.

Leaf length.—22.0 cm. in length.

Leaf width.—7.0 cm. in width.

Pubescence.—Upper side coarse and dense, lower side puberulent.

Leaf margin.—Crenulate, undulate.

Young leaf color (lower surface).—138C.

Young leaf color (upper surface).—N137A.

Mature leaf color (lower surface).—138C.

Mature leaf color (upper surface).—N137A.

Vein color (under surface).—138D.

Vein color (upper surface).—137D.

Venation pattern.—Strong midrib with alternating lateral veins.

Leaf attachment.—Petiolate.

Petiole dimensions.—4 cm. in length, and 60 mm. in diameter.

Petiole surface texture.—Slight pubescent.

Petiole color.—138C.

Flower:

Inflorescence arrangement.—Raceme.

Flowering habit.—Continuous.

Quantity of flowers per inflorescence.—Average 5.

Inflorescence dimensions.—13 cm. in height and 8 cm. in width.

Flower type.—Zygomorph with five petals fused to a conical throat ending in a flaring five lobed corolla disk.

Quantity of flowers per lateral stem.—Average 5.

Quantity of flower buds per lateral stem.—4-5.

Quantity of flowers and buds per plant.—At any given time up to 20.

Natural flowering season.—All year.

Fragrance.—None.

Rate of flower opening.—Within two weeks of visible raceme.

Flower bud length.—4 cm.

Flower bud diameter.—1.5 cm.

Flower bud shape.—Elongated, club-shaped.

Bud color.—145 D.

Rate of bud opening.—2 days.

Flower aspect.—Funnel drooping, corolla disk outward-facing.

Flower shape.—Trumpet-shaped with flat, flaring corolla disk.

Flower dimensions.—5 cm in diameter and 5 cm in depth.

Flower longevity.—4-5 days.

Petal texture.—Velvety, soft.

Number of petals.—5.

Fused or unfused.—Fused.

Petal arrangement.—Evenly spaced, radiating, zygomorphic.

Petal shape.—Orbicular.

Petal margin.—Crenate.

Petal apex.—Obtuse.

Petal length.—14-15 mm. before fused to corolla.

Petal width.—1.5 cm.

Petal color when opening (upper side).—NN155C, lower petals with margins of N87A to N88A.

Petal color when opening (under side).—NN155C, lower petals with margins of N87A to N88A.

Petal color fully opened (upper side).—NN155C, lower petals with margins of N87A to N88A.

Petal color fully opened (under side).—NN155C, lower petals with margins of N87A to N88A.

Petal color fading to.—Not fading.

Throat.—Tubular, 32 mm. in length, 6 mm. in diameter near base, 9 mm. in diameter at flare, inner color NN155D, outer color NN155B.

Self-cleaning or persistent.—Self-cleaning.

Sepals:

Number of sepals.—5.

Sepal shape.—Linear.

Sepal margin.—Entire.

Sepal apex.—Acuminate.

Sepal base.—Fused, linear.

Sepal dimensions.—5 mm. in length and 2 mm. in width.

Young sepal color (upper side).—145A.

Young sepal color (under side).—145A.

Mature sepal color (upper side).—145A.

Mature sepal color (under side).—145A.

Calyx:

Calyx shape.—Elongated corona.

Calyx dimensions.—7 mm. in length and 3 mm. in diameter.

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Peduncle length.—1.5 - 2 cm.
Peduncle diameter.—2 mm.
Peduncle strength.—Moderate.
Peduncle surface texture.—Slight pubescent.
Peduncle color.—145A.

Pedicle length.—15 cm.
Pedicle diameter.—3 mm.
Pedicle strength.—Moderate.
Pedicle surface texture.—Slight pubescent.
Pedicle color.—145A.

Stamen number.—Two.
Anther shape.—Fused.
Anther color.—162B.
Amount of pollen.—Low.
Pollen color.—162B.
Pistil number.—One.
Pistil length.—3 cm. in length.
Stigma shape.—Deltoid, bifurcate.

Stigma color.—145C.
Style length.—12 mm.
Style color.—NN155C.
Ovary color.—145C.

Fruit dimensions.—2.5 cm. in length and 0.5 cm. in diameter.
Fruit color.—165A.

10 *Seed dimensions*.—0.3 mm. in length and 0.2 mm. in
 diameter.
 Seed color.—165D.
 Quantity of seeds.—50-60.

The invention claimed is:

1. A new and distinct variety of *Streptocarpus* plant named ‘Roulette Azur’ as described and illustrated.

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