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Dümmen

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(54) ***PETUNIA* PLANT NAMED 'RF88133'**

(50) Latin Name: ***Petunia×hybrida***
Varietal Denomination: **RF88133**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(58) **Field of Classification Search** Plt./356
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named 'RF88133', characterized by its compact, mounding and outwardly spreading to trailing plant habit; freely branching habit; early and freely flowering habit; large dark purple and pale yellow-colored flowers; and good garden performance.

1 Drawing Sheet

Botanical designation: *Petunia×hybrida.*
Cultivar denomination: 'RF88133'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Petunia* plant, botanically known as *Petunia×hybrida* and hereinafter referred to by the name 'RF88133'.

The new *Petunia* plant is a product of a planned breeding program conducted by the Inventor in Rheinberg, Germany. The objective of the breeding program is to create new compact *Petunia* cultivars with numerous unique and attractive flowers.

The new *Petunia* plant originated from a cross-pollination made by the Inventor on Jan. 1, 2010 in Rheinberg, Germany of a proprietary selection of *Petunia×hybrida* identified as code number F-16-08, not patented, as the female, or seed, parent with a proprietary selection of *Petunia×hybrida* identified as code number T04-0067-007, not patented, as the male, or pollen, parent. The new *Petunia* plant was discovered and selected by the Inventor as a single flowering plant within the progeny of the stated cross-pollination in a controlled greenhouse environment in Rheinberg, Germany on Jun. 1, 2010.

Asexual reproduction of the new *Petunia* plant by terminal cuttings in a controlled greenhouse environment in Rheinberg, Germany since June, 2010, has shown that the unique features of this new *Petunia* plant are stable and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the new *Petunia* have not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment and cultural practices such as temperature and light intensity without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of 'RF88133'. These characteristics in combination distinguish 'RF88133' as a new and distinct *Petunia* plant:

1. Compact, mounding and outwardly spreading to trailing plant habit.
2. Freely branching habit.
3. Early and freely flowering habit.
4. Large dark purple and pale yellow-colored flowers.
5. Good garden performance.

Plants of the new *Petunia* can be compared to plants of the female parent selection. Plants of the new *Petunia* are more compact than plants of the female parent selection. In addition, plants of the new *Petunia* have larger flowers than plants of the female parent selection.

Plants of the new *Petunia* can be compared to plants of the male parent selection. Plants of the new *Petunia* are more vigorous than plants of the male parent selection. In addition, plants of the new *Petunia* and the male parent selection differ in flower color.

Plants of the new *Petunia* can be compared to plants of the *Petunia×hybrida* 'Duepotdared', disclosed in U.S. Plant Pat. No. 21,704. In side-by-side comparisons conducted in Rheinberg, Germany plants of the new *Petunia* differed primarily from plants of 'Duepotdared' in flower color as plants of 'Duepotdared' had dark red-colored flowers. In addition, plants of the new *Petunia* were larger and had larger flowers than plants of 'Duepotdared'.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new *Petunia* plant showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photograph may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new *Petunia* plant. The photograph comprises a side perspective view of a typical flowering plant of 'RF88133' grown in a container.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observations, measurements and values describe plants grown during the summer in 10.5-cm containers in a glass-covered greenhouse in Rheinberg, Germany and under typical *Petunia* pro-

duction practices. During the production of the plants, day and night temperatures averaging 18° C. and light levels averaging 4,500 lux. Plants were pinched one time three weeks after planting and were 16 weeks old when the photograph and description were taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Petunia×hybrida* 'RF88133'.

Parentage:

Female, or seed, parent.—Proprietary selection of *Petunia×hybrida* identified as code number F-16-08, not patented.

Male, or pollen, parent.—Proprietary selection of *Petunia×hybrida* identified as code number T04-0067-007, not patented.

Propagation:

Type.—By terminal cuttings.

Time to initiate roots, summer.—About five days at temperatures of 20° C.

Time to initiate roots, winter.—About seven days at temperatures of 20° C.

Time to produce a rooted young plant, summer.—About three weeks at temperatures of 20° C.

Time to produce a rooted young plant, winter.—About four weeks at temperatures of 20° C.

Root description.—Fine, fibrous; white in color.

Rooting habit.—Freely branching; dense.

Plant description:

Plant and growth habit.—Compact, mounding and outwardly spreading to trailing growth habit; freely branching habit with about eight to ten lateral branches developing after pinching; moderately vigorous growth habit.

Plant height.—About 22 cm.

Plant diameter.—About 28 cm.

Lateral branch description:

Length.—About 22 cm.

Diameter.—About 4 mm.

Internode length.—About 2 cm.

Strength.—Moderately strong.

Aspect.—Initially upright to outwardly spreading.

Texture.—Pubescent.

Color.—Close to 144A to 144B.

Foliage description:

Arrangement.—Before flowering, alternate, simple; after flowering, opposite, simple.

Length.—About 3.9 cm.

Width.—About 2.6 cm.

Shape.—Spatulate.

Apex.—Obtuse.

Base.—Attenuate.

Margin.—Entire.

Texture, upper and lower surfaces.—Pubescent; leathery.

Venation pattern.—Pinnate; arcuate.

Color.—Developing and fully expanded leaves, upper surface: Close to 137A; venation, close to 144B. Developing and fully expanded leaves, lower surface: Close to 137C; venation, close to 144B.

Petiole length.—About 3.8 mm.

Petiole diameter.—About 2.4 mm.

Petiole texture, upper and lower surfaces.—Pubescent.

Petiole color, upper and lower surfaces.—Close to 144B.

Flower description:

Flower arrangement and habit.—Large salverform flowers; single flowers arising from leaf axils; freely flowering habit with usually about 25 to 30 open flowers and flower buds per plant; flowers face mostly upright to outwardly.

Fragrance.—None detected.

Natural flowering season.—Plants flower continuously from spring into autumn in Germany; early flowering habit, plants typically beginning flowering about nine weeks after planting.

Flower longevity.—Individual flowers last about five to six days on the plant; flowers persistent.

Flower diameter.—About 7 cm.

Flower depth (height).—About 5 cm.

Flower throat diameter.—About 1.2 cm.

Flower tube diameter.—About 4 mm.

Flower tube length.—About 3.5 cm.

Flower bud.—Shape: Ovoid. Length: About 4.8 cm. Diameter: About 7.5 mm. Color: Close to 144C and 187B.

Corolla.—Arrangement: Five petals fused at the base and opening into a flared trumpet. Petal lobe length (from throat): About 3.6 cm. Petal lobe width: About 3.5 cm. Petal shape: Roughly spatulate to rounded. Petal apex: Rounded. Petal margin: Entire. Petal texture, upper and lower surfaces: Rippled, glabrous. Throat texture: Rippled, glabrous. Tube texture: Rippled, pubescent. Color: Petal lobe, when opening, upper surface: Alternating longitudinal stripes of close to 187A and 9A forming a pinwheel pattern. Petal lobe, when opening, lower surface: Alternating longitudinal stripes of close to 187A and 8D forming a pinwheel pattern. Petal lobe, fully opened, upper surface: Alternating longitudinal stripes of close to 187A and 8C forming a pinwheel pattern; stripe colors becoming closer to 187A and 8D with development; venation, close to 187A. Petal lobe, fully opened, lower surface: Alternating longitudinal stripes of close to 187A and 8D forming a pinwheel pattern; venation, close to 144B. Flower throat: Alternating longitudinal stripes of close to 187A and 8C; venation, close to 187A. Flower tube: Close to 187A; venation, close to 187A.

Calyx.—Arrangement: Star-shaped calyx tube with five sepals per flower; sepals fused at the base. Sepal length: About 1.8 cm. Sepal width: About 6 mm. Sepal shape: Oblong. Sepal apex: Rounded. Sepal margin: Entire. Sepal texture, upper and lower surfaces: Smooth. Color, immature and mature, upper surface: Close to 137A. Color, immature and mature, lower surface: Close to 137C.

Peduncles.—Length: About 3.2 cm. Diameter: About 3 mm. Strength: Moderately strong. Texture: Smooth. Color: Close to 144A.

Reproductive organs.—Stamens: Quantity: Five per flower. Filament length: About 2 cm. Filament color: Close to 145C. Anther shape: Ovate. Anther length: About 2.5 mm. Anther color: Close to 133C to 133D. Pollen amount: Abundant. Pollen color: Close to 122A. Pistils: Quantity: One per flower. Pistil length: About 2.2 cm. Style length: About 2 cm. Style color: Close to 144C. Stigma shape: Rounded. Stigma color: Close to 144A. Ovary color: Close to 144A and 187A. Seed/fruit: Seed and fruit development have not been observed on plants of the new *Petunia*.

Garden performance: Plants of the new *Petunia* have been observed to have good garden performance and tolerate wind, rain and temperatures ranging from about 5° C. to about 40° C.

Pathogen/pest resistance: Plants of the new *Petunia* have not been observed to be resistant to pathogens and pests common to *Petunia*.

It is claimed:

1. A new and distinct *Petunia* plant named 'RF88133' as illustrated and described.

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