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Klemm

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(54) **PETUNIA PLANT NAMED ‘KLEPH04063’**

(50) Latin Name: *Petunia*×*hybrida*
Varietal Denomination: **KLEPH04063**

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patent is extended or adjusted under 35
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A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./356**

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

(56) **References Cited**

PUBLICATIONS

UPOV-ROM GTITM, Plant Variety Database, 2006/03,
GTI Jouve Retrieval Software, citation for ‘KLEPH04063’.*

* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of *Petunia* plant named
‘KLEPH04063’, characterized by its semi-trailing to cas-
cading plant habit; freely branching growth habit; numerous
double flowers that are violet in color with dark purple-
colored venation; and good garden performance.

1 Drawing Sheet

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Botanical designation: *Petunia*×*hybrida*.
Cultivar denomination: ‘KLEPH04063’.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of *Petunia* plant, botanically known as *Petunia*×*hybrida*,
and hereinafter referred to by the cultivar name
‘KLEPH04063’.

The new *Petunia* is a product of a planned breeding
program conducted by the Inventor in Stuttgart, Germany.
The objective of the breeding program is to create new
compact and freely branching *Petunias* with trailing plant
habit and double flowers with attractive flower coloration.

The new *Petunia* originated from a cross-pollination
made by the Inventor in 2001 of a proprietary selection of
Petunia×*hybrida* identified as code number J 103, not
patented, as the female, or seed, parent with a proprietary
selection of *Petunia*×*hybrida* identified as code number T
142, not patented, as the male, or pollen, parent. The new
Petunia was selected as a single plant from the resulting
progeny of the stated cross-pollination in May, 2002 in a
controlled environment in Stuttgart, Germany.

Asexual reproduction of the new cultivar by terminal
vegetative cuttings since June, 2002, in Stuttgart, Germany
has shown that the unique features of this new *Petunia* are
stable and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

Plants of the cultivar KLEPH04063 have not been
observed under all possible environmental conditions. The
phenotype may vary somewhat with variations in environ-
ment such as temperature, light intensity and daylength
without, however, any variance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of

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‘KLEPH04063’. These characteristics in combination dis-
tinguish ‘KLEPH04063’ as a new and distinct cultivar:

1. Semi-trailing to cascading plant habit.
2. Freely branching growth habit.
3. Numerous double flowers that are violet in color with
dark purple-colored venation.
4. Good garden performance.

In side-by-side comparisons conducted in Stuttgart,
Germany, plants of the new *Petunia* differed from plants of
the female parent selection in the following characteristics:

1. Plants of the new *Petunia* were more cascading than
and not as upright as plants of the female parent
selection.
2. Plants of the new *Petunia* had double flowers whereas
plants of the female parent selection had single flowers.
3. Plants of the new *Petunia* and the female parent
selection differed in flower color.

In side-by-side comparisons conducted in Stuttgart,
Germany, plants of the new *Petunia* differed from plants of
the male parent selection in the following characteristics:

1. Plants of the new *Petunia* had double flowers whereas
plants of the male parent selection had single flowers.
2. Plants of the new *Petunia* and the male parent selection
differed in flower color.

Plants of the new *Petunia* can be compared to plants of the
cultivar Kirimaji Double Purple, disclosed in U.S. Plant Pat.
No. 14,283. In side-by-side comparisons plants of the new
Petunia differed from plants of the cultivar Kirimaji Double
Purple in the following characteristics:

1. Plants of the new *Petunia* were more upright and not as
trailing as plants of the cultivar Kirimaji Double
Purple.
2. Plants of the new *Petunia* and the cultivar Kirimaji
Double Purple differed in flower color.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the
overall appearance of the new cultivar, 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*. The photograph comprises a side perspective view of a typical plant of 'KLEPH04063' grown in a container.

DETAILED BOTANICAL DESCRIPTION

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. Plants used the aforementioned photographs and following description were grown in a glass-covered greenhouse. Plants were about five months old when the photographs and description were taken. During the production of the plants, day and night temperatures ranged from 16° C. to 18° C. and light levels were about 20,000 lux.

Botanical classification: *Petunia* × *hybrida* cultivar 'KLEPH04063'.

Parentage:

Female parent.—Proprietary selection of *Petunia* × *hybrida* identified as code number J 103, not patented.

Male parent.—Proprietary selection of *Petunia* × *hybrida* identified as code number T 142, not patented.

Propagation:

Type cutting.—Terminal vegetative cuttings.

Time to initiate roots, summer.—About 18 days at 20° C. to 26° C.

Time to initiate roots, winter.—About 21 days at 20° C.

Time to develop roots, summer.—About 21 days at 20° C. to 26° C.

Time to develop roots, winter.—About 25 days at 20° C.

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

Rooting habit.—Freely branching; moderately dense.

Plant description:

Form/habit.—Annual flowering plant; indeterminate; initially upright, then semi-trailing to cascading; uniformly mounded plant form. Freely branching habit with about seven lateral branches and numerous secondary and tertiary lateral branches per plant. Pinching enhances development of lateral branches. Moderately vigorous growth habit.

Plant height.—About 21 cm.

Plant diameter (area of spread).—About 50 cm.

Lateral branches.—Length: About 26 cm. Diameter: About 4 mm. Internode length: About 4.5 cm. Texture: Pubescent. Color: 137C.

Foliage description.—Arrangement: Alternate; simple. Length: About 3 cm. Width: About 2 cm. Shape: Broadly elliptic. Apex: Acute. Base: Obtuse. Margin: Entire. Texture, upper surface: Sparsely pubescent. Texture, lower surface: Smooth, glabrous. Venation pattern: Pinnate. Color: Developing leaves, upper surface: 137A. Developing leaves, lower surface: 137C. Fully expanded leaves, upper surface: 147A. Fully expanded leaves, lower surface: 147B. Venation, upper surface: 146D. Venation, lower surface: 145A. Petiole length: About 2 mm to 8 mm. Petiole diameter: About 3 mm. Petiole texture, upper surface: Sparsely pubescent. Petiole texture, lower

surface: Smooth. Petiole color, upper and lower surfaces: 145A.

Flower description:

Flower type and habit.—Double flowers; flowers face mostly outwardly; axillary. Freely flowering habit, about 13 to 19 flower buds and open flowers per lateral branch.

Natural flowering season.—Long day responsive; long flowering period, spring until frost in the autumn; flowering continuous during this period. Flowers persistent.

Flower longevity on the plant.—About one week.

Fragrance.—None detected.

Flower size.—Diameter: About 5.5 cm. Tube length: About 2.2 cm. Throat diameter, distal end: About 1.4 cm. Tube diameter, proximal end: About 4 mm.

Flower buds.—Length: About 3 cm. Diameter: About 1.7 cm. Shape: Oblong. Color: 79C.

Petals.—Quantity/arrangement: About eight to twelve petals arranged in a rosette. Length from throat: About 2.2 cm to 2.8 cm. Width: About 2.2 cm. Shape: Roughly fan-shaped to obovate. Apex: Broadly acute with central points. Margin: Slightly crenate; undulate. Texture, upper and lower surfaces: Smooth, glabrous; satiny. Color: When opening, upper surface: 88C; venation, 79A. When opening, lower surface: 88D; venation, 79B. Fully opened, upper surface: 88B; venation, 79A; color becoming closer to 89C and venation, 103A, with development. Fully opened, lower surface: 88D; venation, 79B. Flower throat (inside): 79A; venation, 79A. Flower tube (outside): 79A; venation, 79A.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base, star-shaped. Length: About 1.5 cm. Width: About 5 mm. Shape: Lanceolate to elliptic. Apex: Obtuse. Margin: Entire. Texture, upper and lower surfaces: Pubescent. Color, upper surface: 138A. Color, lower surface: 138B.

Peduncles.—Length: About 6 cm. Width: About 3 mm. Angle: Erect to about 60° from the stem. Strength: Moderately strong. Texture: Pubescent. Color: 137C.

Reproductive organs.—Stamens: Quantity per flower: About three. Anther shape: Roughly elliptic. Anther length: About 3 mm. Anther color: 2C. Pollen amount: Moderate. Pollen color: 2B. Pistils: Quantity per flower: One. Pistil length: About 6 mm. Style length: About 4 mm. Style color: 150A. Stigma shape: Oval. Stigma color: 149A. Ovary color: 150A.

Seed/fruit.—Seed and/or fruit production has not been observed.

Disease/pest resistance: Plants of the new *Petunia* have not been noted to be resistant to pathogens or pests common to *Petunia*.

Garden performance: Plants of the new *Petunia* have been observed to have good garden performance. Plants of the new *Petunia* have been noted to tolerate temperatures from 2° C. to 45° C. and have excellent tolerance to rain and wind.

It is claimed:

1. A new and distinct cultivar of *Petunia* plant named 'KLEPH04063', as illustrated and described.

