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Klemm et al.

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(54) **PETUNIA PLANT NAMED ‘KLEPH15313’**

(50) Latin Name: *Petunia hybrida*
Varietal Denomination: **KLEPH15313**

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patent is extended or adjusted under 35
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A01H 5/02 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./356.1**

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

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(57) **ABSTRACT**

A new *Petunia* plant particularly distinguished by blue
flowers with white dots and a mounding/semi-trailing habit,
is disclosed.

1 Drawing Sheet

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Genus and species: *Petunia hybrida*.
Variety denomination: ‘KLEPH15313’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct vari-
ety of *Petunia*, botanically known as *Petunia hybrida*, and
hereinafter referred to by the variety name ‘KLEPH15313’.
‘KLEPH15313’ originated from a cross-pollination con-
ducted in July 2012 in Latina, Italy between the proprietary
female *Petunia* variety ‘PH-2012-3528’ (unpatented) and
the male *Petunia* variety ‘Duesurmar’ (U.S. Plant Pat. No.
21,673).

The seeds from the cross were sown and plants were
grown in a greenhouse for evaluation, where an individual
plant designated ‘KLEPH15313’ was selected from the
group of plants in April 2013 in Latina, Italy. In May 2013,
‘KLEPH15313’ was first vegetatively propagated by termi-
nal tip cuttings. ‘KLEPH15313’ was found to reproduce true
to type in successive generations of asexual propagation via
tissue culture and terminal tip cuttings.

SUMMARY

The following are the most outstanding and distinguish-
ing characteristics of this new variety when grown under
normal horticultural practices in Stuttgart, Germany and
Latina, Italy.

1. Blue flowers with white dots; and
2. A mounding and semi-trailing habit.

**CROSS-REFERENCE TO RELATED
APPLICATIONS**

Plant Breeders Rights for ‘KLEPH 15313’ were filed in
Canada on Apr. 2, 2015, Application No. 15-8584.
‘KLEPH15313’ has not been sold or made publicly available
more than one year prior to the filing date of this subject
application.

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DESCRIPTION OF THE PHOTOGRAPH

This new *Petunia* plant is illustrated by the accompanying
photograph of a plant grown in a plastic greenhouse in
Stuttgart, Germany. The photograph was taken in July 2014
and shows the foliage and flowers of a 4-month-old plant
grown in a pot. The colors shown are as true as can be
reasonably obtained by conventional photographic proce-
dures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinc-
tive characteristics of ‘KLEPH15313’. The data which
define these characteristics were collected from asexual
reproductions carried out in Latina, Italy. Data was collected
on plants grown 12-weeks from cultivation from potting in
a plastic greenhouse in Latina, Italy in February 2015. Color
references are to The R.H.S. Colour Chart of The Royal
Horticultural Society of London (R.H.S.), 5th edition (2007).
Classification:

- Family.*—Solanaceae.
- Botanical.*—*Petunia hybrida*.
- Common.*—*Petunia*.
- Designation.*—‘KLEPH15313’.

Parentage:

- Female parent.*—The proprietary female *Petunia* vari-
ety ‘PH-2012-3528’ (unpatented).
- Male parent.*—The male *Petunia* variety ‘Duesurmar’
(U.S. Plant Pat. No. 21,673).

Plant:

- Vigor.*—Medium.
- Habit.*—Mounding/semi-trailing.
- Height (from top of soil).*—About 7.0 cm.
- Width (horizontal plant diameter).*—About 16.0 cm.
- Propagation.*—Terminal tip cuttings and tissue culture.
- Time to produce a finished flowering plant.*—About 13
weeks in the winter under short day conditions, and
9 weeks in the spring.

Time to initiate and develop roots.—2 to 3 weeks.

Root description.—Moderate density, moderate branching, white roots.

Stems:

Average number (basal).—About 12. 5

Length of basal branches (from the base of the stem to the tip).—9.0 cm.

Internode length.—0.5 cm.

Diameter of branches (from midpoint).—0.4 cm.

Stem color.—RHS 145C. 10

Anthocyanin.—Absent.

Texture.—Tomentose.

Leaves:

Arrangement.—Alternate.

Length.—8.5 cm. 15

Width.—2.8 cm.

Shape.—Elliptic/spatulate.

Apex.—Acute.

Base.—Attenuate.

Margin.—Entire.

Immature leaf color.—Upper surface: RHS 146B. 20

Lower surface: RHS 146C.

Mature leaf color.—Upper surface: RHS 137A. Lower

surface: RHS 147B.

Texture (both upper and lower surfaces).—Tomentose. 25

Venation pattern.—Arcuate.

Venation color.—Upper surface: RHS 137A. Lower

surface: RHS 148C.

Petioles.—Length: 2.0 cm. Diameter: 0.4 cm. Color: 30

RHS 145C. Texture: Tomentose.

Flower buds:

Shape.—Irregular oblong.

Length.—3.5 cm to 4.5 cm.

Diameter.—0.7 cm.

Color at tight bud.—RHS N77B, RHS90B and RHS 35

145D.

Texture.—Slightly pubescent.

Inflorescence:

Blooming habit (flowering season).—Permanent flow- 40

ering during summer time.

Inflorescence type.—Cymose.

Number of flowers per node.—1.

Lastingness of individual blooms on the plant.—7 to 10 45

days.

Fragrance.—Absent.

Flowers.—Arrangement: Composed of 5 petals fused 50

at the base. Diameter (flower face): 6.0 cm. Depth

(total length of flower): 5.8 cm. Throat/Funnel:

Length: 3.0 cm. Diameter (at opening): 1.3 cm.

Texture (both inner and outer surfaces): Smooth,

glabrous. Petals: Color of petals, mature flower (fully

opened): Upper surface: RHS 86B and RHS

NN155D. Lower surface: RHS 86D and RHS

NN155D. Apex: Mucronate. Base: Fused. Shape:

Base fused in a funnel. Margin: Entire. Strength of waviness: Weak. Degree of lobation: Medium-weak. Calyx arrangement: Actinomorphic, composed of 5 sepals. Sepals: Color: Upper surface: RHS N137D. Lower surface: RHS 137C. Length: 0.8 cm. Width: 0.4 cm. Shape: Narrowly oblong. Apex: Acute. Base: Attenuate. Margin: Entire. Texture (both upper and lower surfaces): Pubescent.

Pedicels.—Color: RHS 144A. Length: 0.5 cm. Diameter: 0.15 cm. Texture: Pubescent.

Reproductive organs:

Stamens.—Quantity: 5. Shape: Needle with elliptic head. Filament: Length: 1.7 cm to 2.0 cm. Diameter: 0.01 cm. Color: RHS N188C. Anther: Shape: Elliptic. Color: RHS 188B. Length: 0.2 cm. Diameter: 0.15 cm. Pollen: Color: RHS 188A. Amount: Sparse.

Pistils.—Quantity per flower: 1. Length: 2.5 cm. Stigma color: RHS N138A. Style color: RHS 193A and RHS 83B.

20 Fruit and seed set: No fruit and seed set observed.

Disease and pest/insect resistance: No disease and pest/insect resistance observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEPH15313’ is a distinct variety of *Petunia* and is distinguished from its parents as described in Table 1.

TABLE 1

Comparison with Parental Lines			
Characteristic	‘KLEPH15313’	Female Parent ‘PH-2012-3528’	Male Parent ‘Duesurmar’
Flower color	Blue with white dots	Blue with unstable white dots and portions	Blue

40 ‘KLEPH15313’ is a distinct variety of *Petunia* and differences between ‘KLEPH15313’ and the commercial variety ‘Duesurmar’ are described in Table 2.

TABLE 2

Comparison with Similar Variety		
Characteristic	‘KLEPH15313’	‘Duesurmar’
Flower color	Blue with white dots	Blue

50 We claim:

1. A new and distinct variety of *Petunia* plant designated ‘KLEPH15313’ as illustrated and described herein.

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