



US00PP36465P2

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

(10) **Patent No.:** **US PP36,465 P2**

(45) **Date of Patent:** **Feb. 18, 2025**

(54) **PETUNIA PLANT NAMED ‘Dopetsurspare 23’**

(56) **References Cited**

(50) Latin Name: *Petunia X hybrida*
Varietal Denomination: **Dopetsurspare 23**

PUBLICATIONS

(71) Applicant: **Dümmen Group B.V.**, De Lier (NL)

BFG Supply Hardy Starts by Welby Gardens 2024 Program, retrieved on Aug. 13, 2024 at <https://www.bfgsupply.com/media/7913/2024-welby-product-program.pdf>, pp. 1-3, 49. (Year: 2024).*

(72) Inventor: **Arjan Koot**, Oeffelt (NL)

Dummen Orange Surprise Sparkle Red 2024, retrieved on Aug. 13, 2024 at https://emea.dummenorange.com/app/en/products/usa/petunia/surprise-sparkle-red-2024/PAT_42081, 6 pp. (Year: 2024).*

(73) Assignee: **Dümmen Group B.V.**, De Lier (NL)

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

* cited by examiner

(21) Appl. No.: **18/662,961**

Primary Examiner — June Hwu

(22) Filed: **May 13, 2024**

(74) *Attorney, Agent, or Firm* — C. Anne Whealy

(51) **Int. Cl.**
A01H 5/02 (2018.01)
A01H 6/82 (2018.01)

(57) **ABSTRACT**

(52) **U.S. Cl.**
USPC **Plt./356.13**

A new and distinct cultivar of *Petunia* plant named ‘Dopetsurspare 23’, characterized by its relatively compact, upright and mounding to hanging plant habit; moderately vigorous growth habit and moderate growth rate; freely branching habit; early and freely flowering habit; large deep red-colored flowers with numerous white-colored spots; and good garden performance.

(58) **Field of Classification Search**
USPC Plt./356.13
CPC . A01H 5/02; A01H 5/00; A01H 6/824; A01H 6/82

See application file for complete search history.

2 Drawing Sheets

1

2

Botanical designation: *Petunia X hybrida*.
Cultivar denomination: ‘DOPETSURSPARE 23’.

compact, freely branching and early-flowering *Petunia* plants with numerous attractive flowers.

STATEMENT REGARDING PRIOR
DISCLOSURES BY INVENTOR/APPLICANT &
ASSIGNEE

The new *Petunia* plant originated from a cross-pollination made by the Inventor in July 2020 in Rheinberg, Germany of a proprietary selection of *Petunia X hybrida* identified as code number TT-1089, not patented, as the female, or seed, parent with a proprietary selection of *Petunia X hybrida* identified as code number TT20-K0810, not patented, as the male, or pollen, parent. The new *Petunia* plant was discovered and selected by the Inventor as a single flowering plant from within the progeny of the stated cross-pollination in a controlled greenhouse environment in Rheinberg, Germany in May 2021.

An European Community Plant Breeder’s Rights application for the instant plant was filed by the Applicant/Assignee, Dümmen Group B.V. of De Lier, The Netherlands on Aug. 5, 2022, application number 2022/1859. Foreign priority is not claimed to this application.

The Inventor and Applicant/Assignee assert that no publications nor advertisements relating to sales, offers for sale or public distribution occurred more than one year prior to the effective filing date of this application. Any information about the claimed plant would have been obtained from a direct or indirect disclosure from the Inventor and/or Applicant/Assignee. Inventor and Applicant/Assignee claim a prior art exception under 35 U.S.C. 102(b)(1) for disclosure and/or sales prior to the filing date but less than one year prior to the effective filing date.

Asexual reproduction of the new *Petunia* plant by terminal vegetative cuttings in a controlled greenhouse environment in Rheinberg, Germany since May 2021 has shown that the unique features of this new *Petunia* plant are stable and reproduced true to type in successive generations.

BACKGROUND OF THE INVENTION

SUMMARY OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Petunia* plant, botanically known as *Petunia X hybrida* and hereinafter referred to by the name ‘Dopetsurspare 23’.

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

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

The following traits have been repeatedly observed and are determined to be the unique characteristics of ‘Dopetsurspare 23’. These characteristics in combination distinguish ‘Dopetsurspare 23’ as a new and distinct *Petunia* plant:

1. Relatively compact, upright and mounding to hanging plant habit.
2. Moderately vigorous growth habit and moderate growth rate.
3. Freely branching habit.
4. Early and freely flowering habit.
5. Large deep red-colored flowers with numerous white-colored spots.
6. Good garden performance.

Plants of the new *Petunia* can be compared to plants of the female parent selection. In side-by-side comparisons, plants of the new *Petunia* differ primarily from plants of the female parent selection in the following characteristics:

1. Plants of the new *Petunia* are not as vigorous as plants of the female parent selection.
2. Plants of the new *Petunia* are more freely branching than plants of the female parent selection.
3. Flowers of plants of the new *Petunia* are deep red in color with numerous white-colored spots whereas flowers of plants of the female parent selection are solid red in color without any spots.

Plants of the new *Petunia* can be compared to plants of the male parent selection. In side-by-side comparisons, plants of the new *Petunia* differ primarily from plants of the male parent selection in the following characteristics:

1. Plants of the new *Petunia* are more freely branching than plants of the male parent selection.
2. Plants of the new *Petunia* are more freely flowering than plants of the male parent selection.
3. Flowers of plants of the new *Petunia* are deep red in color with numerous white-colored spots whereas flowers of plants of the male parent selection are purple with white-colored spots.
4. Flower spotted pattern of plants of the new *Petunia* is more stable than flower spotted pattern of plants of the male parent selection.

Plants of the new *Petunia* can be compared to plants of *Petunia X hybrida* 'KLEPH15313', disclosed in U.S. Plant Pat. No. 27,237. In side-by-side comparisons, plants of the new *Petunia* and 'KLEPH15313' differ primarily in the following characteristics:

1. Plants of the new *Petunia* are not as vigorous as plants of 'KLEPH15313'.
2. Leaves of plants of the new *Petunia* are darker green in color than leaves of plants of 'KLEPH15313'.
3. Plants of the new *Petunia* have larger flowers than plants of 'KLEPH15313'.
4. Flowers of plants of the new *Petunia* are deep red in color with numerous white-colored spots whereas flowers of plants of 'KLEPH15313' are blue in color with numerous white-colored spots.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate 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 photographs 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 on the first sheet (FIG. 1) is a side perspective view of a typical flowering plant of 'Dopetsurspare 23' grown in a container.

The photograph on the second sheet (FIG. 2) is a close-up view of a typical flower of 'Dopetsurspare 23'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observations, measurements and values describe plants grown during the spring and early summer in 22-cm containers in a glass-covered greenhouse in Rheinberg, Germany and under cultural practices typical of commercial *Petunia* production. During the production of the plants, day and night temperatures averaged 18° C. and light levels averaged 4,500 lux. Plants were twelve weeks old when the photographs were taken and 25 weeks old when the description was taken. In the following description, color references are made to The Royal Horticultural Society Colour Chart, Fifth Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Petunia X hybrida* 'Dopetsurspare 23'.

Parentage:

Female, or seed, parent.—Proprietary selection of *Petunia X hybrida* identified as code number TT-1089, not patented.

Male, or pollen, parent.—Proprietary selection of *Petunia X hybrida* identified as code number TT20-K0810, not patented.

Propagation:

Type.—By terminal vegetative cuttings.

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

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

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

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

Root description.—Fine, fibrous; close to 155B in color, actual color of the roots is dependent on substrate composition, water quality, fertilizers, substrate temperature and age of roots.

Rooting habit.—Freely branching; dense.

Plant description:

Plant and growth habit.—Relatively compact, upright and mounding to hanging plant habit; freely branching habit with about four primary lateral branches each with about nine secondary branches developing after pinching; moderately vigorous growth habit and moderate growth rate.

Plant height, soil level to top of foliar plane.—About 23 cm.

Plant height, soil level to top of floral plane.—About 28 cm.

Plant diameter.—About 64 cm.

Lateral branch description:

Length.—About 40 cm.

Diameter.—About 5.5 mm.

Internode length.—About 2.5 cm.

Strength.—Moderately strong.

Aspect.—Initially upright to outwardly spreading and eventually, hanging.

Texture and luster.—Pubescent; semi-glossy.

Color, developing.—Close to 144B.

Color, developed.—Close to 144A.

Leaf description:

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

Length.—About 4.4 cm.

Width.—About 1.9 cm.

Shape.—Spatulate.

Apex.—Obtuse.

Base.—Attenuate.

Margin.—Entire.

Texture and luster, upper and lower surfaces.—Pubescent; leathery; semi-glossy.

Venation pattern.—Pinnate; arcuate.

Color.—Developing leaves, upper surface: Close to 137A. Developing leaves, lower surface: Close to 146B. Fully expanded leaves, upper surface: Close to 137A; venation, close to 144A. Fully expanded leaves, lower surface: Close to 137A; venation, close to 144A.

Petioles.—Length: About 4 mm. Diameter: About 2.4 mm. Strength: Moderately strong; firm. Texture and luster, upper and lower surfaces: Smooth, glabrous; matte. Color, upper and lower surfaces: Close to 144A.

Flower description:

Flower type and flowering habit.—Single salverform flowers arising from leaf axils; freely flowering habit with usually about 280 flowers and flower buds developing per plant during the flowering season; flowers face mostly upright to outwardly.

Fragrance.—None detected.

Natural flowering season.—Plants flower continuously during the spring and summer in Germany; early flowering habit, depending on temperature, plants typically beginning flowering about four to nine weeks after planting.

Flower longevity.—Depending on temperature, individual flowers last about two to six days on the plant; flowers persistent.

Flower buds.—Length: About 4 cm. Diameter: About 6.5 mm. Shape: Ovoid. Texture and luster: Rippled; semi-glossy. Color: Close to N77B.

Flower diameter.—Large, about 6.5 cm by 6.8 cm.

Flower depth (height).—About 6 cm.

Flower throat diameter.—About 1.1 cm.

Flower tube length.—About 2.8 cm.

Flower tube diameter, proximally.—About 5 mm.

Corolla.—Arrangement: Five petals fused at the base and opening into a flared trumpet; medium flower lobing. Petal lobe length (from throat): About 3 cm. Petal lobe width: About 3.4 cm. Petal shape: Roughly spatulate. Petal apex: Obtuse. Petal margin: Entire; slightly undulate. Petal texture and luster, upper and lower surfaces: Rippled, glabrous; semi-glossy. Throat texture and luster: Rippled; semi-glossy. Tube texture and luster: Rippled; semi-glossy. Color: Petal lobe, when opening, upper

surface: Close to 60A; numerous random spots, close to 155B. Petal lobe, when opening, lower surface: Close to 70B; numerous random spots, close to 155B. Petal lobe, fully opened, upper surface: Close to 46C; numerous random spots, close to 155B; venation, close to N92A and moderately conspicuous; main color becoming closer to 61C with subsequent development. Petal lobe, fully opened, lower surface: Close to 58C; numerous random spots, close to 155B; venation, close to 152A; main color becoming closer to N57B with subsequent development. Flower throat: Close to 77B; venation, close to N92A. Flower tube: Close to 76C; venation, close to N92A, 144A and 144D.

Sepals.—Arrangement: Five sepals fused at the base forming a tubular star-shaped calyx. Length: About 1.9 cm. Diameter: About 2 mm. Shape: Oblong. Apex: Rounded. Base: Decurrent. Margin: Entire. Texture and luster, upper and lower surfaces: Smooth, glabrous; semi-glossy. Color: When opening and fully opened, upper surface: Close to 146A. When opening and fully opened, lower surface: Close to 146B.

Peduncles.—Length: About 2.3 cm. Diameter: About 1.1 mm. Strength: Moderately strong, rigid. Texture and luster: Smooth, glabrous; semi-glossy. Color: Close to 144A.

Reproductive organs.—Stamens: Quantity per flower: Five. Filament length: About 1.9 cm. Filament color: Close to 157B. Anther length: About 1.5 mm. Anther shape: Ovate. Anther color: Close to 162B. Pollen amount: Abundant. Pollen color: Close to 158A. Pistils: Quantity per flower: One. Pistil length: About 2.5 cm. Style length: About 2 cm. Style color: Close to 145B. Stigma diameter: About 1.9 mm. Stigma shape: Rounded. Stigma color: Close to 138A. Ovary color: Close to 144B. Fruits: Quantity produced per plant: About 70 during the flowering season. Length: About 4 mm. Diameter: About 3 mm. Texture: Smooth, glabrous. Color: Close to 161B. Seeds: Quantity per flower: About 80. Length: About 0.2 mm. Diameter: About 0.2 mm. Texture: Smooth, glabrous. Color: Close to 200C.

Garden performance: Plants of the new *Petunia* have been observed to have good garden performance and tolerate wind, rain, temperatures ranging from about 5° C. to about 40° C. and to be suitable for USDA Hardiness Zone 11.

Pathogen & pest resistance: To date, plants of the new *Petunia* have not been observed to be resistant to pathogens and pests common to *Petunia* plants.

It is claimed:

1. A new and distinct *Petunia* plant named 'Dopetsurspare 23' as illustrated and described herein.

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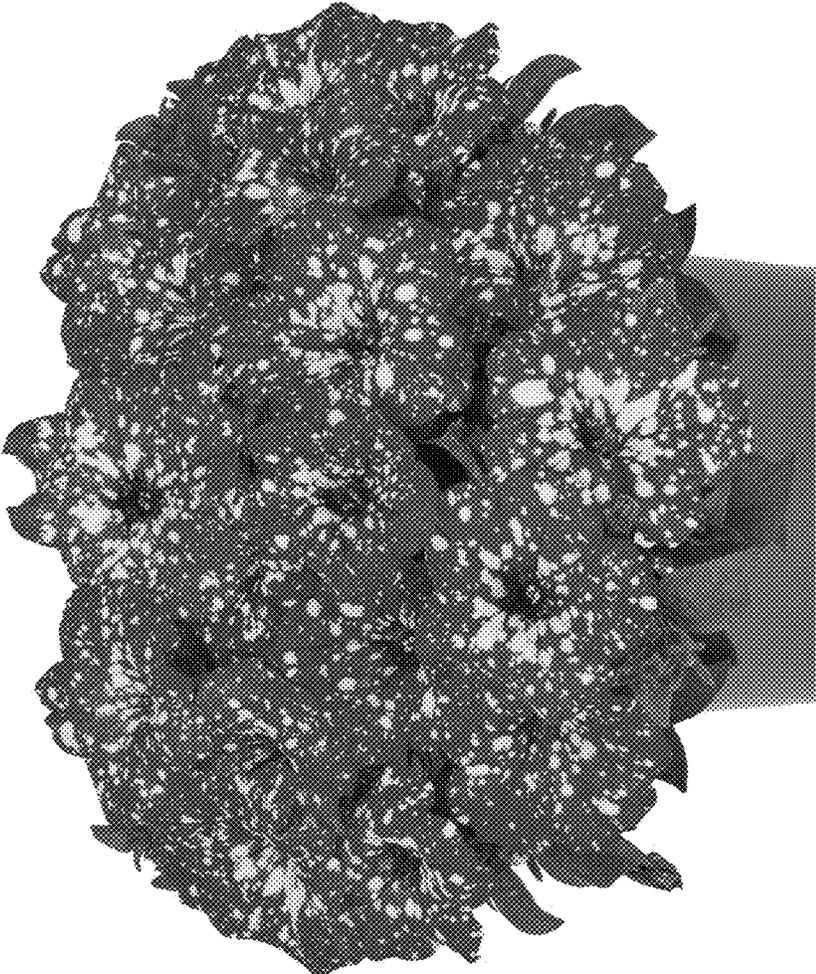


FIG. 1



FIG. 2