



US00PP36631P2

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

(10) **Patent No.:** **US PP36,631 P2**
(45) **Date of Patent:** **Apr. 22, 2025**

(54) **COLEUS PLANT NAMED ‘Docoldotomima’**

(56) **References Cited**

(50) Latin Name: ***Coleus scutellarioides***
Varietal Denomination: **Docoldotomima**

PUBLICATIONS

(71) Applicant: **DUMMEN GROUP B.V.**, De Lier
(NL)

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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.

* cited by examiner

(21) Appl. No.: **18/444,725**

Primary Examiner — Kent L Bell

(22) Filed: **Feb. 18, 2024**

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(51) **Int. Cl.**
A01H 5/12 (2018.01)
A01H 6/50 (2018.01)

(57) **ABSTRACT**

(52) **U.S. Cl.**
USPC **Plt./469**
CPC **A01H 6/50** (2018.05)

A new and distinct cultivar of *Coleus* plant named ‘Docoldotomima’, characterized by its compact, upright to somewhat outwardly spreading plant habit; vigorous growth habit and rapid growth rate; freely branching habit; relatively small variegated leaves that are medium green in color with yellow and purplish red-colored centers; and good garden performance.

(58) **Field of Classification Search**
USPC Plt./469
CPC A01H 5/12
See application file for complete search history.

1 Drawing Sheet

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Botanical designation: *Coleus scutellarioides*.
Cultivar denomination: ‘DOCOLDOTOMIMA’.

STATEMENT REGARDING PRIOR
DISCLOSURES BY INVENTOR AND
APPLICANT/ASSIGNEE

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 Sep. 26, 2023, application number 2023/2020. Foreign priority is not claimed to this application.

The Inventor and Applicant/Assignee assert that no sales, offers for sale or public distribution of the instant plant 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 disclosures and/or sales prior to the filing date but less than one year prior to the effective filing date.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Coleus* plant, botanically known as *Coleus scutellarioides* and hereinafter referred to by the name ‘Docoldotomima’.

The new *Coleus* plant is a product of a planned breeding program conducted by the Inventor in Rheinberg, Germany.

The objective of the breeding program was to develop new compact and freely branching *Coleus* plants with strong branches and attractive foliage.

The new *Coleus* plant originated from an open-pollination in July, 2021 of a proprietary selection of *Coleus scutellarioides* identified as code number CS-0261, not patented, as the female, or seed, parent with an unknown proprietary selection of *Coleus scutellarioides* as the male or pollen, parent. The new *Coleus* plant was discovered and selected by the Inventor as a single plant from within the progeny of the stated open-pollination in a controlled greenhouse environment in Rheinberg, Germany in April, 2022.

Asexual reproduction of the new *Coleus* plant by vegetative tip cuttings in a controlled greenhouse environment in Rheinberg, Germany since May, 2022 has shown that the unique features of this new *Coleus* plant are stable and reproduced true to type in successive generations.

SUMMARY OF THE INVENTION

The new *Coleus* plant has not been observed under all possible combinations of cultural practices and 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 ‘Docoldotomima’. These characteristics in combination distinguish ‘Docoldotomima’ as a new and distinct *Coleus* plant:

1. Compact, upright to somewhat outwardly spreading plant habit.
 2. Vigorous growth habit and rapid growth rate.
 3. Freely branching habit.
 4. Relatively small variegated leaves that are medium green in color with yellow and purplish red-colored centers.
 5. Good garden performance.
- Plants of the new *Coleus* differ primarily from plants of the female parent selection in the following characteristics:
1. Plants of the new *Coleus* are more compact than plants of the female parent selection.
 2. Plants of the new *Coleus* are more freely branching and denser than plants of the female parent selection.
 3. Plants of the new *Coleus* have smaller leaves than plants of the female parent selection.
 4. Leaves of plants of the new *Coleus* are medium green in color with yellow and purplish red-colored centers whereas leaves of plants of the female parent selection are dark and light red in color.
- Plants of the new *Coleus* can be compared to plants of *Coleus scutellarioides* 'Stained Glassworks® Velvet', not patented. In side-by-side comparisons plants of the new *Coleus* differ from plants of 'Stained Glassworks® Velvet' in the following characteristics:
1. Plants of the new *Coleus* are more compact than and not as vigorous as plants of 'Stained Glassworks® Velvet'.
 2. Plants of the new *Coleus* are more upright and denser than plants of 'Stained Glassworks® Velvet'.
 3. Plants of the new *Coleus* have smaller leaves than plants of 'Stained Glassworks® Velvet'.
 4. Leaves of plants of the new *Coleus* are medium green in color with yellow and purplish red-colored centers whereas leaves of plants of 'Stained Glassworks® Velvet' are yellowish green in color with dark red-colored margins.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the overall appearance of the new *Coleus* 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 *Coleus*. The photograph is a side perspective view of a typical plant of 'Docoldotomima' grown in a container.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph and following observations, measurements and values describe plants grown in Rheinberg, Germany in 22-cm containers in a glass-covered greenhouse during the spring and early summer and under cultural practices which closely approximate commercial *Coleus* production. During the production of the plants, day and night temperatures averaged 18° C. and light levels averaged from 4,500 lux. Plants were pinched one time three weeks after planting rooted cuttings. Plants were twelve weeks old when the photograph was taken and 25 weeks old when the description was taken. In the following detailed 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: *Coleus scutellarioides* 'Docoldotomima'.

Parentage:

Female, or seed, parent.—Proprietary selection of *Coleus scutellarioides* identified as code designation CS-0261, not patented.

Male, or pollen, parent.—Unknown proprietary selection of *Coleus scutellarioides*, not patented.

Propagation:

Type.—By 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; typically white 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.—Compact, upright to outwardly spreading plant habit; vigorous growth habit and rapid growth rate; freely branching habit with about seven primary lateral branches each with about five secondary lateral branches developing per plant.

Plant height.—About 16.5 cm.

Plant diameter.—About 50 cm.

Lateral branch description:

Length.—About 23 cm.

Diameter.—About 1.05 cm.

Internode length.—About 4.2 cm.

Strength.—Moderately strong; flexible.

Aspect.—Mostly upright.

Texture and luster.—Pubescent; semi-glossy.

Color, when developing.—Close to N187A.

Color, fully developed.—Close to 187A.

Leaf description:

Arrangement.—Decussate, simple.

Length.—About 6 cm.

Width.—About 3.8 cm.

Shape.—Ovate.

Apex.—Caudate.

Base.—Cuneate.

Margin.—Serrate; sinuses medium in depth and divergent.

Texture and luster, upper surface.—Slightly pubescent, not rugose; velvety; matte.

Texture and luster, lower surface.—Glabrous, rugose; matte.

Venation pattern.—Pinnate.

Color.—Developing leaves, upper surface: Center, close to 187B; surrounding the center and towards the margins, close to 146B. Developing leaves, lower surface: Center, close to 187A; surrounding the center and towards the margins, close to 146A to 146B. Fully expanded leaves, upper surface: Center, close to 186B to 186C, 187A, 11C and 7A; surrounding the center and towards the margins, close to 138A; venation, close to 186A. Fully expanded leaves, lower surface: Center, close to 186B, 187A, N187A; surrounding the center and towards the margins, close to 137A; venation, close to 186A, N187A, 1C and 137C.

Petioles.—Length: About 2 cm. Diameter: About 1.9 mm. Strength: Moderately strong. Texture and luster: Slightly pubescent; semi-glossy. Color, upper and lower surfaces: Close to 186A and 187A.

Flower description: To date, flower development has not been observed on plants of the new *Coleus*. 5

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

Garden performance & temperature tolerance: Plants of the new *Coleus* have been observed to have good garden performance and to tolerate temperatures ranging from 5° C. to 40° C.

It is claimed:

1. A new and distinct *Coleus* plant named 'Docoldotomima' as herein illustrated and described.

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