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Randag

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(54) **CALLA LILY PLANT NAMED**
‘DOZANDURB’

(50) Latin Name: *Zantedeschia sprengeri*
Varietal Denomination: **Dozandurb**

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

(72) Inventor: **Cecilius Jan-Jochem Randag**, Koedijk
(NL)

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

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Primary Examiner — Susan McCormick Ewoldt

Assistant Examiner — Karen M Redden

(74) *Attorney, Agent, or Firm* — The Webb Law Firm

(57) **ABSTRACT**

‘Dozandurb’ is a new variety of calla lily plant having purple colored spathes that produces 10-14 inflorescences per 16-18 cm tuber. The flower stems are about 33-48 cm in height. The leaves are brownish green with maculations present and a smooth texture.

2 Drawing Sheets

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Botanical classification: *Zantedeschia sprengeri*.
Varietal denomination: ‘Dozandurb’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety of calla lily, botanically known as *Zantedeschia sprengeri* and hereinafter referred to by the varietal name ‘Dozandurb’. ‘Dozandurb’ is a product of a planned breeding program, which had the objective of creating *Zantedeschia* hybrids for pot flower production in a wide range of colors with a classic flower shape. The new cultivar is a seedling selected from the crossing of *Zantedeschia sprengeri* variety ‘Paco’ (female parent, U.S. Plant Pat. No. 24,246) with *Zantedeschia sprengeri* seedling Z060836-958 (male parent, unpatented). ‘Dozandurb’ was selected in 2011 by the inventor in ‘t Zand, The Netherlands as one flowering plant within the progeny of the stated cross.

The first act of asexual reproduction of ‘Dozandurb’ by tissue culture was performed by the inventor in November of 2013 in ‘t Zand, The Netherlands. Subsequent asexual reproductions by tissue culture at the same location have demonstrated that the combination of characteristics as herein disclosed for the new cultivar are retained and reproduced true to type through successive generations of asexual reproduction.

The following observations, measurements and comparisons describe plants at approximately 10 weeks from planting in 14 cm pots in ‘t Zand, The Netherlands under greenhouse conditions, which approximate those generally used in horticultural practice. Color references are made to The 2001 R.H.S. Colour Chart of The Royal Horticultural Society of London, 4th Edition, except where general color terms of ordinary significance are used.

The present invention has not been evaluated under all possible environmental conditions. The phenotype may vary with variations in environment without a change in the genotype of the plant.

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The following traits have been repeatedly observed and determined to be basic characteristics of ‘Dozandurb’ which, in combination, distinguish this calla lily as a new and distinct cultivar:

- 5 1. Medium purple colored spathes without a throat spot;
2. Brownish green colored leaves;
3. Few leaf maculations present; and
4. High inflorescence production.

10 The new variety is similar to its female parent in the following traits: spathe color, spadix length, lanceolate leaf shape, and the presence of leaf maculations. However, ‘Dozandurb’ exhibits a broader spathe width, longer spathe length, and weaker flower curve than its female parent. Further, its female parent has a spathe throat spot, a yellow/red colored spadix, and a green/red colored stem. The new variety is similar to its male parent in the following traits: spathe color, spadix length, and the presence of leaf maculations. However, ‘Dozandurb’ exhibits a narrower spathe width, shorter spathe length, and weaker flower curve than its male parent. Further, its male parent has a spathe throat spot, a yellow colored spadix, and oval shaped leaves.

25 When compared to calla lily plant named ‘Purple Spirit’ (U.S. Plant Pat. No. 29,648), both varieties exhibit purple colored spathes, but the upper and lower surface spathe colors of ‘Purple Spirit’ are from Red-Purple Group RHS 61A to 71A, while the upper surface spathe colors of ‘Dozandurb’ are from Purple Group RHS N79A to N79C and the lower surface spathe colors of ‘Dozandurb’ are from Purple Group RHS N79C to N79D.

BRIEF DESCRIPTION OF THE DRAWINGS

35 The accompanying photographic drawings illustrate the new variety taken at approximately 10 weeks of age, with the colors being as nearly true as is possible with color illustrations of this type:

FIG. 1 illustrates a single flowering plant of the new variety; and

FIG. 2 illustrates multiple flowering plants of the new variety.

DESCRIPTION OF THE NEW PLANT

Type: Deciduous.

Size:

Height of the leaf canopy above the soil.—15-26 cm.

Height of top of inflorescences above the soil.—33-48 cm.

Diameter.—36-53 cm.

Form: Semi-spreading.

Number of inflorescences per tuber:

Size 16-18 cm in diameter.—10-14 inflorescences.

Branches:

Number.—Average.

Color.—Green Group RHS 143B to 143C.

Young shoot color.—Purple Group RHS N77B to N77C.

Leaves:

Size.—Width: 6-7 cm, with the broadest part being in the middle. Length: 20-21.5 cm.

Number per plant.—23-28.

Leaf blade lobes.—Absent.

Shape.—Lanceolate.

Apex.—Acuminate.

Base.—Attenuate.

Margin.—Entire; having a color of Green Group RHS 137C.

Color.—Upper surface: Green Group RHS 137B to 137C, with few, linear Green-White Group RHS 157B to 157C maculations present. Lower surface: Green Group RHS 139B, with few, linear White Group RHS 155A to 155B maculations present.

Veins.—Configuration: Pinnate. Color: Green Group RHS 139C.

Surface texture.—Smooth (both surfaces).

Petiole.—Length: 15-26 cm. Diameter: 10-12 mm. Color: The base is Green Group RHS 143B to 143C, the upper part is Green Group RHS 143A.

Roots:

Color.—White Group RHS 155C.

Branching description.—Fibrous root system. Several main roots emerge from the top of the tuber and form a small number of lateral roots.

Spathe:

Size.—Length (measured from opening to tip): 5-6 cm. Width: 4.5-5.5 cm. Height: 6-8 cm.

Color.—Throat spot: Absent. Upper surface: Purple Group RHS N79A to N79C. Lower surface: Purple Group RHS N79C to N79D.

Vein color.—Purple Group RHS N79C to N79D.

Shape.—Cupped.

Apex.—Caudate.

Base.—Amplexicaul.

Margin.—Entire, with a color of Purple Group RHS N79D.

Spadix:

Shape.—Cylinder.

Size.—Length: 30-35 mm. Diameter: 6-8 mm.

Color.—Red-Purple Group RHS 59A to 59B.

Position relative to spathe.—Upright.

Peduncle:

Size.—Length: 26-39 cm. Diameter: 10-12 mm.

Color.—The upper part is Yellow-Green Group RHS 146A to 146B, the lower part is Green Group RHS 143B to 143C.

Texture.—Smooth.

Reproductive organs:

Location of female organs.—Basal position of the spadix.

Location of male organs.—Upper position of the spadix.

Perianth.—Conspicuous.

Stamens.—Presence: Not visible before pollen release.

Number: Between 480 and 600. Pollen amount:

Scarce. Color: Between White Group RHS 155B and 155C.

Anther.—Shape: Round. Length: Less than 1 mm. Color: Yellow Group RHS 8B to 8C.

Filament.—Length: Less than 1 mm. Color: White Group RHS 155D.

Pistils.—Number: 15 to 30. Length beyond perianth: About 1 mm.

Stigma.—Shape: Round. Size: Less than 1 mm.

Style.—Length: Less than 1 mm. Color: Yellow Group RHS 8B to 8C.

Ovaries.—Texture: Smooth. Length: Between 1 to 10 mm. Width: Between 1 to 10 mm. Color: The top color is Green Group RHS 142B to 142C, the bottom color is Red-Purple Group RHS 71A to 71B.

Seeds:

Length.—2.6-3.2 mm.

Width.—2-3 mm.

Color.—Greyed-Green Group RHS 197A to 197B.

Amount.—11 per inflorescence.

Disease resistance: No unusual susceptibility/resistance to diseases noticed to date.

Pest resistance: No unusual susceptibility/resistance to pests noticed to date.

Heat tolerance: No heat tolerance.

Hardiness: Not tested to date.

Flowering: In general, the time from indoor and outdoor planting to first flowering takes about eight weeks in The Netherlands.

Lastingness: About two weeks on the plant.

Fragrance: None.

I claim:

1. A new and distinct variety of calla lily plant named 'Dozandurb' as herein described and illustrated.

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FIG. 1



FIG. 2