



APPLICATIONS UNDER EXAMINATION

CARNATION

CARNATION (*Dianthus caryophyllus*)

Proposed denomination: 'KLEDP17262'
Application number: 18-9427
Application date: 2018/04/27
Applicant: Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Lena Gutbrodt, Bempflingen, Germany

Description:

PLANT: pot plant type, dark red main colour group, purple secondary colour group, very short to short, dense, flowers positioned at same level or slightly above foliage

STEM: very short to short internode, thin to medium internode thickness, slightly angular in cross-section, not hollow

LEAF BLADE: elliptic, short to medium length, medium width, absent or weakly recurved along longitudinal axis, flat or very weakly concave in cross-section, medium green upper side, weak degree of glaucosity, no spiny ciliation of margin

FLOWER BUD: elliptic, no extrusion of styles

EPICALYX (OUTER LOBES): free in relation to calyx, acute apex, medium length tip

EPICALYX (INNER LOBES): acute apex, medium length tip

CALYX: short to medium length, narrow to medium width, cylindrical

CALYX LOBE: acuminate apex, short to medium length, concave along longitudinal axis, weak intensity of anthocyanin colouration along margin

FLOWER: small to medium diameter, double type, few petals

COROLLA: short to medium height, profile of upper part is flat convex in lateral view, profile of lower part is concave in lateral view

PETAL: predominantly type 1 shape, medium degree of undulation, short, narrow, mainly dark purple red (RHS 53A), purple red (RHS 60D) along margin and in stripes, medium width margin, medium number of stripes, no speckles, no flush, no macule

PETAL MARGIN INCISIONS: dentate, many, shallow

OVARY: oblong, whitish base, slightly ribbed surface

STYLE: only two, short, no shoulder

STIGMA: white with purple flush

Origin and Breeding: 'KLEDP17262' originated from a mutation of the parent variety 'KLEDP14206' discovered and developed by the breeder, Lena Gutbrodt, in Stuttgart, Germany. The mutation was discovered in a flower bed at the 2014 Flower Trials in the Netherlands and was selected based on its flower colour pattern. The new variety 'KLEDP17262' was evaluated in greenhouse trials in Stuttgart from September 2014 to April 2015 where it was assessed for flower colour pattern, uniformity and stability.

Tests and Trials: The detailed description of 'KLEDP17262' is based on the UPOV Report of Technical Examination, application number 2018/1220, purchased from the Community Plant Variety Office, in Angers, France. The trials were conducted by the Naktuinbouw, in Roelofarendsveen, Netherlands in 2019. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



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