



APPLICATIONS UNDER EXAMINATION

CARNATION

CARNATION
(Dianthus caryophyllus)

Proposed denomination: 'KLEDP19263'
Application number: 20-10144
Application date: 2020/04/14
Applicant: Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany
Lena Thiede, Bempflingen, Germany

Variety used for comparison: 'KLEDP15181'

Summary: *The leaf of 'KLEDP19263' is of medium width whereas that of 'KLEDP15181' is of narrow to medium width. The petal of 'KLEDP19263' is lighter blue pink than that of 'KLEDP15181'. The secondary colour of the petal of 'KLEDP19263' is dark red whereas that of 'KLEDP15181' is medium red. The inner side of the petal of 'KLEDP19263' has few speckles while that of 'KLEDP15181' has none.*

Description:

PLANT: pot type, very short to short, medium density, flowers at same level or slightly above foliage

STEM: very short to short internode, thin to medium thickness of internode, strongly angular shape in cross-section, no hollowness

LEAF: elliptic shape, short to medium length, medium width, absent or very weakly recurved, flat or very weakly concave, medium green, weak glaucosity, margin with no spiny ciliation

EPICALYX: position of outer lobes is free in relation to calyx, acute apex of outer lobes, medium length tip of outer and inner lobes, short acuminate apex of inner lobes

CALYX: short, narrow, cylindrical, absent or very weak intensity of anthocyanin colouration

CALYX LOBE: straight along longitudinal axis, acuminate apex, short

FLOWER BUD: obovate, no extrusion of styles

FLOWER: double type, small to medium diameter

COROLLA: short, flat profile of upper part in lateral view, flat convex profile of lower part in lateral view

PETAL: pink main colour group, dark red secondary colour group, few, type 1 predominant shape, medium degree of undulation, medium number of margin incisions, crenate to dentate margin, very shallow to shallow margin incisions, short, narrow, mainly light blue pink (RHS 65C) inner side, dark red (RHS N45C) secondary colour of inner side, no differently coloured margin, no stripes, few speckles, no area of flush, large macule

OVARY: elliptic shape, whitish base, slightly ribbed surface

STYLE: three and four, short, shoulder absent

STIGMA: pink

Origin and Breeding: 'KLEDP19263' was discovered and developed by the breeders in Stuttgart, Germany. The new variety, a mutation of 'KLEDP07089' discovered in the Netherlands in 2014, was selected in May 2014 in Stuttgart based on plant growth habit and flower colour. 'KLEDP19263' was evaluated in greenhouse trials in 2015 where it was further assessed for performance.

Tests and Trials: The detailed description of 'KLEDP19263' is based on the UPOV Report of Technical Examination, application number 2020/1136, purchased from the Community Plant Variety Office, in Angers, France. The trials were conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



Carnation: 'KLEDP19263'

Proposed denomination: 'KLEDP19289'
Application number: 20-10145
Application date: 2020/04/14
Applicant: Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany
Lena Thiede, Bempflingen, Germany

Description:

PLANT: pot type, short, medium density, flowers far above foliage

STEM: short internode, thin to medium thickness of internode, strongly angular shape in cross-section, no hollowness

LEAF: elliptic shape, medium length, narrow to medium width, absent or very weakly recurved, flat or very weakly concave, medium green, medium glaucosity, margin with no spiny ciliation

EPICALYX: position of outer lobes is free in relation to calyx, short acuminate apex of outer lobes, long tip of outer lobes, medium acuminate apex of inner lobes, medium length of tip of inner lobes

CALYX: short to medium length, narrow, funnel-shaped, absent or very weak intensity of anthocyanin colouration

CALYX LOBE: straight along longitudinal axis, acute to acuminate apex, short

FLOWER BUD: obovate, no extrusion of styles

FLOWER: double type, small to medium diameter

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

PETAL: pink main colour group, red pink secondary colour group, few to medium number, type 3 predominant shape, medium degree of undulation, absent or few margin incisions, crenate to dentate margin, shallow to medium depth margin incisions, short to medium length, narrow to medium width, mainly pink (RHS 52C) inner side, red pink (RHS 52A) secondary colour of inner side, no differently coloured margin, no stripes, no speckles, no area of flush, large macule

OVARY: obovate, green base, smooth surface

STYLE: only two, medium length, shoulder absent

STIGMA: pink

Origin and Breeding: ‘KLEDP19289’ was bred and developed by the breeders in Stuttgart, Germany. The new variety originated from a controlled cross between the female parent, ‘DCP-2009-0047’, and the male parent, ‘KLEDP13121’, in Stuttgart in July 2014. From the resulting progeny, seedlings were selected in May 2015 based on plant growth habit and flower colour. After further evaluation in greenhouse trials, a single unique seedling was selected in 2015 and named ‘KLEDP19289’.

Tests and Trials: The detailed description of ‘KLEDP19289’ is based on the UPOV Report of Technical Examination, application number 2020/1134, purchased from the Community Plant Variety Office, in Angers, France. The trials were conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



Carnation: ‘KLEDP19289’

Proposed denomination: 'KLEDP19309'
Application number: 20-10146
Application date: 2020/04/14
Applicant: Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Nils Klemm, Stuttgart, Germany
Lena Thiede, Bempflingen, Germany

Description:

PLANT: pot type, short, medium density, flowers moderately above foliage

STEM: very short to short internode, thin to medium thickness of internode, strongly angular shape in cross-section, no hollowness

LEAF: elliptic shape, medium length, narrow, moderately recurved, flat or very weakly concave, dark green, weak glaucosity, margin with no spiny ciliation

EPICALYX: position of outer lobes is adpressed and free in relation to calyx, acute apex of outer lobes, long tip of outer lobes, short acuminate apex of inner lobes, short tip of inner lobes

CALYX: short to medium length, very narrow to narrow, cylindrical, strong intensity of anthocyanin colouration along whole calyx

CALYX LOBE: straight along longitudinal axis, acuminate apex, short

FLOWER BUD: oblong shape, no extrusion of styles

FLOWER: single type, small to medium diameter

COROLLA: very short to short height, flat profile of upper and lower part in lateral view

PETAL: purple violet main colour group, no secondary colour group, type 1 predominant shape, absent or weak undulation, absent or few margin incisions, crenate to dentate margin, shallow to medium depth of margin incisions, short to medium length, narrow to medium width, between medium violet (RHS N78A) and medium purple (RHS NN78A) inner side, no differently coloured margin, no stripes, no speckles, no area of flush, no macule

OVARY: obovate, green base, slightly ribbed surface

STYLE: only two, medium length, shoulder absent

STIGMA: purple

Origin and Breeding: 'KLEDP19309' was bred and developed by the breeders in Stuttgart, Germany. The new variety originated from a controlled cross between the female parent, 'DSS-2014-1046', and the male parent, 'DCP-2001-TU 006' in Stuttgart in August 2015. From the resulting progeny, seedlings were selected in May 2016 based on plant growth habit and flower colour. After further evaluation in greenhouse trials, a single unique seedling was selected in 2016 and named 'KLEDP19309'.

Tests and Trials: The detailed description of 'KLEDP19309' is based on the UPOV Report of Technical Examination, application number 2020/1132, purchased from the Community Plant Variety Office, in Angers, France. The trials were conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



Carnation: 'KLEDP19309'

Proposed denomination:	'KLEDP20383'
Application number:	20-10370
Application date:	2020/10/20
Applicant:	Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany
Agent in Canada:	BioFlora Inc., St. Thomas, Ontario
Breeder:	Nils Klemm, Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany

Variety used for comparison: 'Suncharm Pink'

Summary: *The margin incisions of the petal of 'KLEDP20383' are of medium depth while those of 'Suncharm Pink' are shallow. The style of 'KLEDP20383' is of medium length whereas that of 'Suncharm Pink' is short.*

Description:

PLANT: pot type, very short to short, medium density, flowers at same level or slightly above foliage

STEM: very short to short internode, thin to medium thickness of internode, strongly angular shape in cross-section, no hollowness

LEAF: obovate, short to medium length, narrow to medium width, absent or very weakly recurved, weakly concave in cross-section, medium green, medium glaucosity, margin with no spiny ciliation

EPICALYX: position of outer lobes is free in relation to calyx, acute apex of outer lobes, long tip of outer lobes, medium acuminate apex of inner lobes, medium length tip of inner lobes

CALYX: short, narrow, cylindrical, absent or very weak intensity of anthocyanin colouration

CALYX LOBE: straight along longitudinal axis, acuminate apex, short

FLOWER BUD: elliptic shape, no extrusion of styles

FLOWER: double type, small to medium diameter

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

PETAL: pink main colour group, no secondary colour group, few to medium number, type 3 predominant shape, strong undulation, medium number of incisions of margin, crenate-dentate margin, medium depth of incisions of margin, short,

narrow to medium width, medium purple red (RHS 58C) inner side, no differently coloured margin, no stripes, no speckles, no area of flush, no macule

OVARY: elliptic, green base, slightly ribbed surface

STYLE: only two, short, shoulder absent

STIGMA: white with purple flush

Origin and Breeding: ‘KLEDP20383’ was bred and developed by the breeder in Stuttgart, Germany. The new variety originated from a controlled cross between the female parent, ‘KLEDP16188’, and the male parent, ‘DCP-2012-0206’, in Stuttgart in the summer of 2016. From the resulting progeny, seedlings were selected in May 2017 based on plant growth habit and flower colour. Further evaluation was conducted in greenhouse trials between 2017 to 2020.

Tests and Trials: The detailed description of ‘KLEDP20383’ is based on the UPOV Report of Technical Examination, application number 2020/2090, purchased from the Community Plant Variety Office, in Angers, France. The trials were conducted by the Naktuinbouw in Roelofarendsveen, Netherlands in 2021. The colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.



Carnation: ‘KLEDP20383’