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(54) **DIANTHUS PLANT NAMED ‘KLEDG19294’**

(50) Latin Name: *Dianthus* cultivars  
Varietal Denomination: **KLEDG19294**

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See application file for complete search history.

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(57) **ABSTRACT**

A new *Dianthus* plant named ‘KLEDG19294’ particularly distinguished by double flowers with a magenta flower color with a purple center, a maculated flower pattern and green leaf color, is disclosed.

**1 Drawing Sheet**

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Genus and species: *Dianthus* cultivars.  
Variety denomination: ‘KLEDG19294’.

**BACKGROUND OF VARIETY ‘KLEDG19294’**

The present invention comprises a new and distinct variety of *Dianthus*, botanically known as *Dianthus* cultivars and hereinafter referred to by the variety name ‘KLEDG19294’. ‘KLEDG19294’ is a selection that resulted from an open pollination of the proprietary female *Dianthus* line ‘DSS-2011-0081’ (unpatented) and the proprietary male *Dianthus* line ‘DSS-2008-0026’.

In May of 2012, the proprietary female *Dianthus* line ‘DSS-2011-0081’ and the proprietary male *Dianthus* line ‘DSS-2008-0026’ were cross pollinated in Stuttgart, Germany and seeds were obtained. The seeds were sown and plants were grown for evaluation. A plant line was selected in June of 2013 in Stuttgart, Germany, and named ‘KLEDG19294’. In September of 2013, ‘KLEDG19294’ was first vegetatively propagated by vegetative cuttings. ‘KLEDG19294’ was found to reproduce true to type in successive generations of asexual propagation via vegetative cuttings in Stuttgart, Germany and Latina, Italy.

**SUMMARY OF VARIETY ‘KLEDG19294’**

The following are the most outstanding and distinguishing characteristics of this new variety when grown under normal horticultural practices in Stuttgart, Italy.

1. Double flowers with a magenta flower color with a purple center;
2. A maculated flower pattern; and
3. Green leaf color.

**DESCRIPTION OF THE PHOTOGRAPH**

This new *Dianthus* plant is illustrated by the accompanying photograph which shows the overall plant habit of the

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variety ‘KLEDG19294’ grown in a pot. The photograph is of a 11-week-old plant in Stuttgart, Germany under greenhouse conditions in March 2018.

**DESCRIPTION OF THE NEW VARIETY ‘KLEDG19294’**

The following detailed descriptions set forth the distinctive characteristics of ‘KLEDG19294’. Data was collected on eight-month-old potted plants in June 2019 in Stuttgart, Germany. Color references are to The R.H.S. Colour Chart of The Royal Horticultural Society of London (R.H.S.), 5<sup>th</sup> edition.

Classification:

*Family*.—Caryophyllaceae.

*Species*.—*Dianthus* cultivars.

*Common name*.—Pot carnation.

*Parentage*.—Female: The proprietary *Dianthus* ‘DSS-2011-0081’ (unpatented). Male: The proprietary *Dianthus* ‘DSS-2008-0026’ (unpatented).

Propagation:

*Propagation type*.—Vegetative stem cuttings.

*Time to produce a rooted young plant*.—14 to 18 days.

*Root description*.—Young roots: RHS 161D. Mature roots: RHS 199C.

*Rooting habit*.—Lanceolate.

Plant description:

*Plant form*.—Upright.

*Plant height*.—17.0 cm to 21.0 cm.

*Plant diameter or spread*.—25.0 cm to 28.0 cm.

Lateral branches:

*Length*.—5.0 cm to 10.0 cm.

*Diameter*.—2.0 cm.

*Internode length*.—2.0 cm to 5.0 cm.

*Number of internodes per branch/stem*.—3 to 5.

*Node length*.—0.2 cm to 0.4 cm.

*Node diameter*.—0.2 cm to 0.4 cm.

*Texture*.—Smooth.

*Color*.—RHS 146C.

*Branch/stem*.—Hollow.

Foliage description:

*Arrangement*.—Opposite.

*Length*.—2.0 cm to 5.0 cm.

*Width*.—0.2 cm to 0.4 cm.

*Shape*.—Lanceolate.

*Apex*.—Acute.

*Base*.—Obtuse.

*Margin*.—Entire.

*Texture*.—Upper and lower surfaces: Smooth.

*Venetian pattern*.—No venetian.

*Color*.—Immature and mature leaves: Upper and lower surface: RHS 146C. Mature leaves: Upper and lower surface: RHS 147A.

Flower description:

*Flower type and habit*.—Double, round.

*Fragrance*.—Very light fragrance.

*Natural flowering season*.—Spring to fall.

*Number of flowers per spray*.—2 to 4.

*Flower longevity*.—14 to 16 days.

*Flower buds*.—Length: 1.0 cm to 1.5 cm. Diameter: 0.3 cm to 0.5 cm. Shape: Elliptic. Color: RHS 147B.

Extrusion of the styles at the bud stage: Absent.

*Corolla*.—Quantity of petals and arrangement: 8 to 12.

Corolla height: 1.0 cm to 1.5 cm. Petal length: 3.0 cm

to 3.5 cm. Petal width: 1.0 cm to 1.5 cm. Petal shape:

Spoon shaped. Petal apex: Obtuse. Petal base: Acute.

Petal margin: Serrated. Depth of petal margin:

Medium. Petal texture: Upper and lower surface:

Smooth. Petal color: Immature and mature: Upper

surface: RHS 81B with macule RHS 72A. Lower

surface: RHS 77C.

*Calyx*.—Quantity of sepals and arrangement: Com-

posed of 5 sepals. Shape: Campanulate. Calyx

height: 1.8 cm to 2.2 cm. Calyx diameter (at the

apex): 0.4 cm to 0.6 cm. Sepal texture: Upper and

lower surface: Smooth. Sepal color: Upper surface:

RHS 137A. Lower surface: RHS 137D.

Peduncles:

*Length*.—1.0 cm to 2.0 cm (last internode), whole stem 10.0 cm.

*Diameter*.—0.1 cm to 0.2 cm.

*Strength*.—Moderate.

*Texture*.—Smooth.

*Color*.—RHS 147A.

Reproductive organs:

*Stamens*.—Quantity per flower: 6 to 8. Filament length: 2.0 cm to 3.0 cm. Filament color: RHS 157B. Anther length: None observed. Anther diameter: None observed. Anther color: None observed. Pollen amount: None observed.

*Pistils*.—Quantity per flower: Two styles. Pistil length: None observed. Style length: 1.0 cm to 2.0 cm. Style color: RHS 155D. Stigma shape: Filamentous. Stigma color: RHS 85C. Ovary size: 0.5 cm to 0.7 cm. Ovary shape: Elliptic. Ovary color: RHS 145C.

Fruit and seed set: Seed sometime observed.

Disease and insect/pest resistance: No special observations were made.

COMPARISON OF 'KLEDG19294' WITH PARENTAL LINES AND KNOWN VARIETY

When 'KLEDG19294' is compared to the female parental line 'DSS-2011-0081' and the male parental line 'DSS-2008-0026', the following differences are noted in Table 1:

TABLE 1

Comparison with Parental Lines			
Trait or characteristic	'KLEDG19294'	Female parent	Male Parent
Flower type	Double	Single	Single
Flower color	Magenta, purple center	Pink, purple	Lavender, violet
Flower pattern	Maculated	Border	Spots

When 'KLEDG19294' is compared to the commercial line 'KLEDG18305' (U.S. Plant Pat. No. 31,019), the following differences are noted in Table 2:

TABLE 2

Comparison with Similar Variety		
Trait or characteristic	'KLEDG19294'	Commercial line: 'KLEDG18305'
Flower type	Double	Single
Flower color	Magenta, purple center	Pink with purple ring
Leaf color	Green	Dark green

We claim:

1. A new and distinct variety of *Dianthus* plant named 'KLEDG19294' as shown and described herein.

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