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Klemm et al.

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(54) **OSTEOSPERMUM PLANT NAMED**
'KLEOE12190'

(50) Latin Name: *Osteospermum ecklonis* Norl.
Varietal Denomination: **KLEOE12190**

(71) Applicant: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

(72) Inventors: **Nils Klemm,** Stuttgart (DE); **Silke**
Wagener, Leinfelden-Echterdingen (DE)

(73) Assignee: **Klemm+Sohn GmbH & Co. KG,**
Stuttgart (DE)

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patent is extended or adjusted under 35
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CPC **A01H 5/025** (2013.01)
USPC **Plt./360**

(58) **Field of Classification Search**
USPC **Plt./360**
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

UPOV Record Detail 'QZ' 2013.*
UPOV Record Detail 'NO' 2013.*

* cited by examiner

Primary Examiner — June Hwu

Assistant Examiner — Keith Robinson

(74) *Attorney, Agent, or Firm* — Cochran Freund & Young
LLC; James M. Weatherly

(57) **ABSTRACT**

A new *Osteospermum* plant particularly distinguished by
having violet ray florets and dark green leaves is disclosed.

1 Drawing Sheet

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Genus and species: *Osteospermum ecklonis* Norl.
Variety denomination: 'KLEOE12190'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new and distinct variety
of *Osteospermum*, botanically known as *Osteospermum eck-*
lonis Norl., and hereinafter referred to by the variety name
'KLEOE12190'. 'KLEOE12190' originated from a cross-
pollination between the proprietary female *Osteospermum*
variety 'SU 10' (unpatented), having violet ray florets and a
light green leaf color, and the proprietary male *Osteosper-*
mum variety 'X 95' (unpatented), having purple to violet ray
florets and a dark green flower color.

In the summer of 2008 the two *Osteospermum* parental
lines 'SU 10' and 'X 95' were crossed in Stuttgart, Germany
and seeds were obtained. The seeds were sown and plants
were grown for evaluation. A plant line was selected in
August 2009 which had violet ray florets and dark green
leaves and named 'KLEOE12190'. In August 2009
'KLEOE12190' was first vegetatively propagated by vegeta-
tive cuttings. 'KLEOE12190' was found to reproduce true to
type in successive generations of asexual propagation via
terminal cuttings.

**CROSS REFERENCE TO RELATED
APPLICATIONS**

Plant Breeder's Rights for 'KLEOE12190' were applied
for in Canada on Feb. 8, 2013, Application No. 13-7921, the
European Union on Jun. 21, 2013, Application No. 2013/
1670, and in Norway on Aug. 5, 2013, Application No. 1307.

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'KLEOE12190' has not been made publicly available or sold
more than one year prior to the filing date of this application.

SUMMARY

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

1. Violet rays florets; and
2. Dark green leaves.

DESCRIPTION OF THE PHOTOGRAPH

This new *Osteospermum* plant is illustrated by the accom-
panying photograph which shows a close-up of the flowers.
The photograph is of a three-month-old plant grown in a
controlled greenhouse environment in Stuttgart, Germany
under greenhouse conditions in April 2012. The colors shown
are as true as can be reasonably obtained by conventional
photographic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of 'KLEOE12190'. The data which define
these characteristics were collected from asexual reproduc-
tions carried out in Stuttgart, Germany. Data was collected on
seven-month-old plants grown in a controlled greenhouse
environment in Stuttgart, Germany under greenhouse condi-
tions on Jan. 28, 2013. Color references are to The R.H.S.
Colour Chart of The Royal Horticultural Society of London
(R.H.S.), 5th edition (2007).

Classification:

Family.—Compositae.

Botanical.—*Osteospermum ecklonis* Norl.

Common.—*Osteospermum*, African Daisy.

Designation.—‘KLEOE12190’.

Parentage:

Female parent.—*Osteospermum* line ‘SU 10’ (unpatented).

Male parent.—*Osteospermum* line ‘X 95’ (unpatented).

Plant:

Form and habit.—Herbaceous perennial but usually cultivated as an annual.

Growth habit.—Upright.

Branching habit.—Freely branching.

Height (from top of soil, including inflorescence).—15.0 cm.

Width (including inflorescences).—20.0 cm.

Propagation.—Terminal cuttings.

Time to produce a finished flowering plant.—14 weeks.

Time to initiate and develop roots.—3 weeks.

Root description.—Freely rooting.

Root color.—Light tan in color.

Leaves:

Arrangement.—Alternate.

Shape.—Dentiform.

Apex.—Obtuse.

Base.—Acute.

Margin.—Medium.

Immature color.—Upper surface: RHS 143A. Lower surface: RHS 143B.

Mature color.—Upper surface: RHS 137A. Lower surface: RHS 137C.

Length.—About 7.0 cm.

Width.—About 4.0 cm.

Texture.—Upper surface: Leathery, smooth. Lower surface: Leathery, shiny.

Petioles.—Absent.

Venation pattern.—Pinnate.

Venation color.—Upper surface: RHS 138B. Lower surface: RHS 138B.

Leaf variegation.—Absent.

Stems:

Total number of branches per plant (calculated at the base of the plant).—About 5.

Length.—7.0 cm to 11.0 cm.

Diameter.—0.6 cm.

Internode length.—About 1.0 cm.

Color.—RHS 144B.

Texture.—Smooth.

Anthocyanin.—Absent.

Buds:

Shape.—Obovate.

Length.—About 1.0 cm.

Diameter.—About 1.0 cm.

Color (at tight bud just before the ray florets unfold).—RHS 143A.

Inflorescence:

Type.—Single.

Blooming habit.—Spring and autumn.

Quantity of inflorescences per plant.—20 to 30.

Lastingness of the inflorescences on the plant.—About 2 weeks.

Fragrance.—Absent to faint.

Inflorescence diameter.—About 5.5 cm.

Inflorescence depth.—About 1.0 cm.

Disc diameter.—1.5 cm.

Disc floret:

Quantity per inflorescence.—About 120.

Type.—Daisy.

Shape.—Lanceolate.

Tube color.—Closed: RHS 138B. Mature: RHS 83B.

Length.—0.6 cm.

Diameter (at apex).—0.1 cm.

Apex.—Obtuse.

Apex color.—RHS N88A.

Base.—Acute.

Base color.—RHS 145C.

Margin.—Entire.

Ray floret:

Quantity per inflorescence.—About 26.

Shape.—Oblanceolate.

Color.—Upper surface: RHS N87C. Lower surface: RHS N87D.

Length.—2.2 cm.

Width.—0.6 cm.

Apex.—Obtuse.

Base.—Acute.

Margin.—Entire.

Texture.—Upper surface: Smooth. Lower surface: Smooth, shiny.

Peduncle.—Length: 2.0 cm to 2.5 cm. Diameter: 0.2 cm. Texture: Rough. Color: RHS 143B.

Phyllaries:

Texture.—Smooth.

Color.—RHS 143A.

Arrangement.—Single.

Observed quantity per plant.—1 to 20.

Shape.—Lanceolate.

Color.—Upper surface: RHS 143A. Lower surface: RHS 143A.

Length.—1.2 cm.

Width.—0.2 cm.

Apex.—Acute.

Base.—Acute.

Margin.—Entire.

Texture.—Upper surface: Smooth. Lower surface: Smooth, rough.

Reproductive organs:

Androecium.—Location: On the disc floret. Stamens: Quantity: 5; fused into a single tube. Shape: Filamentous. Filament length: 0.5 cm. Filament diameter: Less than 0.05 cm. Anther: Shape: Lanceolate. Color: RHS N92A. Length: 0.2 cm. Diameter: Less than 0.05 cm. Pollen: Color: RHS 12A. Amount: Moderate.

Gynoecium.—Location: On the base of the petals (ray floret). Pistils: Number: About 26. Length: 0.4 cm. Diameter: Less than 0.05 cm. Stigma: Color: RHS 83A. Shape: Tapering, conical. Length: 0.2 cm. Diameter: Less than 0.05 cm. Style: Color: RHS 75B. Length: 0.2 cm. Diameter: Less than 0.05 cm.

Fruit and seed set: None observed.

Disease and pest/insect resistance: No particular disease or insect resistance observed.

COMPARISON WITH PARENTAL LINES AND KNOWN VARIETY

‘KLEOE12190’ is a distinct variety of *Osteospermum* having violet ray florets and dark green leaves; ‘KLEOE12190’ is distinguished from its parents as described in Table 1:

TABLE 1

Comparison with Parental Lines			
Trait	'KLEOE12190'	Female parent 'SU 10' (unpatented)	Male Parent 'X 95' (unpatented)
Ray floret color	Violet	Violet	Purple to violet
Color of leaves	Dark green	Lighter green	Dark green

'KLEOE12190' is a distinct variety of *Osteospermum* having violet ray florets and dark green leaves. 'KLEOE12190' is most similar to the *Osteospermum* plant named 'FlowerPower Purple Blue' (unpatented). Differences between the two varieties are described in Table 2:

TABLE 2

Comparison with Similar Variety		
Trait	'KLEOE12190'	Commercial line 'FlowerPower Purple Blue' (unpatented)
Color of ray florets	Violet	Purple-violet

We claim:

1. A new and distinct variety of *Osteospermum* plant named 'KLEOE12190' as shown and described herein.

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