

(12) **United States Plant Patent**
Merkens

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(54) **EURYOPS PLANT NAMED ‘STRAESUN’**

(50) Latin Name: *Euryops anthanasiae*
Varietal Denomination: **Straesun**

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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./226**

(58) **Field of Classification Search** **Plt./226**
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

UPOV-ROM GTITM, Plant Variety Database, 2006/04,
GTI Jouve Retrieval Software, Citation for *Euryops* ‘Strae-
sun’ one page.*

* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of *Euryops* plant named
‘Straesun’, characterized by its upright, compact and
rounded plant habit; rough-textured and dark green-colored
foliage; large inflorescences; and daisy-type inflorescences
with bright yellow-colored ray florets and darker yellow-
colored disc florets.

1 Drawing Sheet

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Botanical designation: *Euryops anthanasiae*.
Cultivar denomination: ‘Straesun’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Euryops* plant, botanically known as *Euryops anthana-
siae* and hereinafter referred to by the cultivar name ‘Strae-
sun’.

The new *Euryops* is a naturally-occurring branch muta-
tion of an unnamed selection of *Euryops anthanasiae*, not
patented. The cultivar Straesun was discovered and selected
by the Inventor from within a population of plants of the
parent selection in Straelen, Germany on Apr. 11, 2002.

Asexual reproduction of the new *Euryops* by terminal
cuttings in a controlled environment in Straelen, Germany
since Apr. 11, 2002, has shown that the unique features of
the *Euryops* are stable and reproduced true to type in
successive generations.

SUMMARY OF THE INVENTION

The new *Euryops* has not been observed under all pos-
sible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and light intensity without, however, any variance in
genotype.

The following characteristics have been repeatedly
observed and are determined to be basic characteristics of
‘Straesun’ and distinguish the new *Euryops* as a new and
distinct cultivar:

1. Upright, compact and rounded plant habit.
2. Rough-textured and dark green-colored foliage.
3. Large inflorescences.
4. Daisy-type inflorescences with bright yellow-colored
ray florets and darker yellow-colored disc florets.

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Plants of the new *Euryops* differ from plants of the parent
selection primarily in inflorescence size as plants of the
parent selection have smaller inflorescences than plants of
the new *Euryops*.

Plants of the new *Euryops* can be compared to plants of
the *Euryops* cultivar Sonnenschein, not patented. In side-
by-side comparisons conducted in Stuttgart, Germany,
plants of the new *Euryops* differed primarily from plants of
the cultivar Sonnenschein in inflorescence size as plants of
the cultivar Sonnenschein had smaller inflorescences than
plants of the new *Euryops*.

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying colored photograph illustrates the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions of this type. Colors in the photograph may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the colors of the new
Euryops.

The photograph comprises a side perspective view of a
typical flowering plant of ‘Straesun’ grown in a container.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photograph, following observations
and averaged measurements describe plants grown in
Stuttgart, Germany, in a glass-covered greenhouse. During
the production of the plants, day temperatures ranged from
18° C. to 22° C., night temperatures ranged from 15° C. to
18° C. and light levels ranged from 20 to 55 kilolux. Plants
were grown in 10-cm containers and were pinched one time
about eight to ten days after planting. Plants had been
growing for about four months when the photograph and
description were taken. Color references are made to The
Royal Horticultural Society Colour Chart, 1995 Edition,

except where general terms of ordinary dictionary significance are used.

Botanical classification: *Euryops anthanasiae* cultivar Straesun.

Parentage: Naturally-occurring branch mutation of an unnamed selection of *Euryops anthanasiae*, not patented.

Propagation:

Type.—Terminal vegetative cuttings.

Time to initiate roots, summer.—About 12 to 14 days at 25° C.

Time to initiate roots, winter.—About 14 to 16 days at 25° C.

Time to produce a rooted cutting, summer.—About three to four weeks at 25° C.

Time to produce a rooted cutting, winter.—About four weeks at 25° C.

Root description.—Fine, fibrous; light creamy white in color.

Rooting habit.—Dense.

Plant description:

General appearance.—Inverted triangle; upright, compact and rounded plant form with inflorescences held above and beyond the foliage; moderately vigorous.

Plant height (soil level to top of foliar plane).—About 30 cm to 35 cm.

Plant height (soil level to top of inflorescence plane).—About 35 cm to 50 cm.

Plant width.—About 20 cm to 30 cm.

Lateral branch (peduncle) description.—Length: About 5 cm to 10 cm. Diameter: About 5 mm. Internode length: About 1 cm to 2 cm. Aspect: Upwardly curving. Texture: Smooth, glabrous. Strength: Moderately strong. Color: 142B overlain with 59B.

Foliage description.—Arrangement: Alternate, simple; sessile. Length: About 5 cm to 8 cm. Width: About 2 cm to 3 cm. Shape: Palmately lobed. Apex: Rounded. Base: Attenuate. Margin: Lobed. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Color: Developing and fully expanded foliage, upper surface: 138A; venation, 138A. Developing and fully expanded foliage, lower surface: 138B; venation, 138A.

Inflorescence description:

Appearance.—Daisy-type inflorescences with ligulate ray florets. Disc and ray florets develop acropetally on a capitulum. Solitary inflorescences held upright and outwardly on axillary peduncles. Inflorescences positioned mostly perpendicular to the peduncles. Inflorescences not persistent.

Flowering response.—Under natural conditions, plant flower from April to September in Germany; flowering continuous during this period.

Inflorescence longevity.—Inflorescences last about one week on the plant.

Quantity of inflorescences.—Freely flowering, about two to three open inflorescences per lateral branch.

Fragrance.—Moderate.

Inflorescence size.—Diameter: About 6 cm. Depth (height): About 1 cm. Diameter of disc: About 1.5 cm.

Inflorescence buds.—Height: About 5 mm. Diameter: About 1 cm. Shape: Ovoid. Color: 144C.

Ray florets.—Quantity per inflorescence: About 16 to 18 arranged in a single whorl. Shape: Ligulate to lanceolate. Length: About 2 cm. Width: About 6 mm. Apex: Rounded. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Aspect: Initially upright; with development, eventually close to perpendicular to the peduncle. Color: When opening and fully opened, upper surface: 12A. When opening and fully opened, lower surface: 12A.

Disc florets.—Arrangement: Massed at the center of the inflorescence. Quantity per inflorescence: Numerous, about 100. Shape: Tubular, elongated; apex, five-pointed; base, fused. Length: About 8 mm. Diameter: About 1 mm. Color: Immature: 14A. Mature: 16A.

Involucral bracts (phyllaries).—Quantity per inflorescence: About twelve. Length: About 1 cm. Width: About 6 mm. Shape: Deltoid. Apex: Acute. Base: Elongated. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, upper and lower surfaces: 144C.

Reproductive organs.—Androecium: Only on disc florets. Stamen quantity per floret: Five. Anther length: About 1 mm. Anther shape: Oblong. Pollen color: 11A. Filament: Less than 1 mm in length: white in color. Gynoecium: Present on ray and disc florets. Pistil quantity per floret: One. Pistil length: About 5 mm. Stigma shape: Two-parted. Stigma color: Close to 9A. Style color: Close to 6A. Seed/fruit: Seed and fruit production has not been observed.

Disease/pest resistance: Resistance to pathogens and pests common to *Euryops* has not been observed on plants grown under commercial conditions.

Temperature/weather tolerance: Plants of the new *Euryops* have been observed to be tolerant to rain, wind and to temperatures from about 5° C. to about 35° C.

It is claimed:

1. A new and distinct cultivar of *Euryops* plant named 'Straesun', as illustrated and described.

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