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Klemm

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(54) **BRACTEANTHA PLANT NAMED**
'KLEBA04075'

(50) Latin Name: *Bracteantha bracteata*
Varietal Denomination: **KLEBA04075**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** **Plt./263**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct cultivar of *Bracteantha* named
'KLEBA04075', characterized by its upright, compact and
bushy growth habit; freely-flowering habit; bright yellow-
colored involucral bracts and golden yellow-colored disc
florets; and good garden performance.

1 Drawing Sheet

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Botanical designation: *Bracteantha bracteata*.
Cultivar denomination: 'KLEBA04075'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of *Bracteantha* plant, botanically known as *Bracteantha*
bracteata and referred to by the name 'KLEBA04075'.

The new *Bracteantha* is a product of a planned breeding
program conducted by the Inventor in Stuttgart, Germany.
The objective of the program is to create and develop new
compact and early-flowering *Bracteantha* cultivars with
attractive involucral bract coloration and good garden per-
formance.

The new *Bracteantha* originated from an open-pollination
by the Inventor during the summer of 2001, of a proprietary
selection of *Bracteantha bracteata* identified as code num-
ber SZ 005, not patented, as the female, or seed, parent with
an unknown selection of *Bracteantha bracteata*, as the male,
or pollen, parent. The new *Bracteantha* was discovered and
selected by the Inventor as a plant within the progeny of the
stated open-pollination in a controlled environment in
Stuttgart, Germany in June, 2002.

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

SUMMARY OF THE INVENTION

The new *Bracteantha* has not been observed under all
possible 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
'KLEBA04075' and distinguish the new *Bracteantha* as a
new and distinct cultivar:

1. Upright, compact and bushy growth habit.
2. Freely-flowering habit.

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3. Bright yellow-colored involucral bracts and golden
yellow-colored disc florets.

4. Good garden performance.

Plants of the new *Bracteantha* can be compared to plants
of the female parent selection. Plants of the new *Bracteantha*
are more compact than plants of the female parent selection.

Plants of the new *Bracteantha* can also be compared to
plants of the cultivar Golden Beauty, not patented. Plants of
the new *Bracteantha* differ from plants of the cultivar
Golden Beauty primarily in plant shape as plants of the new
Bracteantha are more upright than plants of the cultivar
Golden Beauty. In addition, inflorescences of plants of the
new *Bracteantha* have more involucral bracts and more disc
florets than inflorescences of plants of the cultivar Golden
Beauty.

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
Bracteantha. The photograph comprises a side perspective
view of a typical plant of 'KLEBA04075' grown in an
outdoor nursery.

DETAILED BOTANICAL DESCRIPTION

The following observations and measurements describe
plants grown in Stuttgart, Germany in a glass-covered
greenhouse. During the production of the plants, day tem-
peratures ranged from 16° C. to 22° C., night temperatures
ranged from 12° C. to 16° C. and light levels ranged from
30 to 60 kilolux. Plants were grown in 12-cm containers and
were pinched one time after planting. Plants had been
growing for about three 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 signifi-
cance are used.

Botanical classification: *Bracteantha bracteata* cultivar KLEBA04075.

Parentage:

Female or seed parent.—Proprietary selection of *Bracteantha bracteata* identified as code number SZ 005, not patented.

Male or pollen parent.—Unknown selection of *Bracteantha bracteata*.

Propagation:

Type.—By cuttings.

Time to initiate roots.—Summer: About 16 days at 20° C. Winter: About 18 days at 20° C.

Time to produce a rooted young plant.—Summer: About three weeks at 20° C. Winter: About four weeks at 20° C.

Root description.—Fine to fibrous; white in color.

Rooting habit.—Freely-branching; dense.

Plant description:

General appearance.—Upright, compact and bushy growth habit; rounded plant form with inflorescences held above the foliage. Moderately vigorous growth habit. Freely branching habit, about eight to ten lateral branches per plant.

Plant height.—About 24 cm to 27 cm.

Plant width.—About 26 cm to 30 cm.

Lateral branch (peduncle) description.—Length: About 5 cm to 7 cm. Width: About 4 mm to 6 mm. Internode length: About 5 mm. Aspect: Mostly erect. Strong: Strong. Texture: Smooth, glabrous. Color: 143C.

Foliage description.—Arrangement: Alternate, single; sessile. Length: About 2 cm to 7 cm. Width: About 8 mm to 12 mm. Shape: Elliptic. Apex: Acute. Base: Obtuse. Margin: Entire. Texture, upper and lower surfaces: Rough, glabrous. Venation pattern: Pinnate. Color: Developing leaves, upper surface: 137C. Developing leaves, lower surface: 137D. Fully expanded leaves, upper surface: 137A; venation, 137C. Fully expanded leaves, lower surface: 137D; venation, 137D.

Flowering description:

Inflorescence form.—Daisy-type composite inflorescence form. Involucral bracts and disc florets develop arranged acropetally on a capitulum.

Inflorescence longevity.—Inflorescences last on the plant for about 8 to 18 days. Inflorescences persistent.

Natural flowering season.—Natural flowering season is during the summer in Germany; flowering continuous.

Quantity of inflorescences.—About 12 to 16 open inflorescences per plant.

Fragrance.—None detected.

Inflorescence diameter.—About 5 cm.

Inflorescence depth (height).—About 1.25 cm.

Disc diameter.—About 1.5 cm.

Inflorescence buds.—Length: About 1.5 cm to 2 cm. Diameter: About 1 cm. Shape: Roughly elliptic. Color: 8A.

Involucral bracts.—Quantity per inflorescence: About 50 in several whorls. Length: About 1.5 cm. Width: About 7 mm. Shape: Elliptic. Apex: Acute. Base: Attenuate. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous; stiff. Color: When developing and fully developed, upper surface: 9A. When developing and fully developed, lower surface: 8A.

Disc florets.—Arrangement: Massed in the center of the receptacle with one whorl of filiform florets at the perimeter of the disc. Quantity per inflorescence: About 150. Shape: Tubular with five lobes. Length: about 7.5 mm. Diameter: About 1 mm. Color, immature and mature: Close to 23A.

Androecium.—Present only on disc florets; minute. Arrangement: Fused anther tube with five long thin linear anthers surrounding the style. Anther length: Less than 1 mm. Anther color: Yellow. Amount of pollen: Abundant. Pollen color: Yellow.

Gynoecium.—Present on both filiform and disc florets; minute. Quantity per floret: One. Style color: Close to 23A. Stigma shape: Bi-parted. Stigma color: Close to 23A.

Seed.—Seed development has not been observed.

Disease/pest resistance: Plants of the new *Bracteantha* have not been observed to be resistant to pathogens or pests common to *Bracteantha*.

Temperature tolerance: Plants of the new *Bracteantha* have been observed to tolerate temperatures from about 5° C. to about 35° C. and to have good garden performance. It is claimed:

1. A new and distinct cultivar of *Bracteantha* named ‘KLEBA04075’, as illustrated and described.

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