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**Bunker**

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

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(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
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(56) **References Cited**  
**PUBLICATIONS**

UPOV-ROM GTITM Computer Database, 2001/06, GTI  
Jouve Retrieval Software, citation for 'Redbragol'.\*

\* cited by examiner

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(57) **ABSTRACT**

A new and distinct cultivar of Bracteantha plant named  
'Redbragol', characterized by its compact and bushy growth  
habit; upright, outwardly spreading and rounded plant form;  
freely-flowering habit; bright yellow-colored involucre  
bracts and orange-colored disc florets; and short and strong  
peduncles that hold inflorescences above the foliage.

**1 Drawing Sheet**

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**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 'Redbragol'.

The new Bracteantha is a product of a planned breeding  
program conducted by the Inventor in Redland Bay, Queens-  
land, Australia. The objective of the program is to create  
and develop Bracteantha cultivars with a compact growth  
habit, numerous inflorescences with attractive involucre  
bract coloration, and long-lasting inflorescences.

The new Bracteantha originated from a cross by the  
Inventor of a proprietary selection of *Bracteantha bracteata*  
identified as code number 95-137, not patented, as the  
female, or seed, parent with a proprietary selection of  
*Bracteantha bracteata* identified as code number 95-155,  
not patented, 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 cross in a controlled  
environment in Redland Bay, Queensland, Australia in 1997.  
The selection of the new Bracteantha was based on its bright  
yellow-colored involucre bracts and compact growth habit.

Asexual reproduction of the new Bracteantha by terminal  
cuttings taken in a controlled environment in Redland Bay,  
Queensland, Australia, has shown that the unique features of  
this new Bracteantha are stable and reproduced true to type  
in successive generations.

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, daylength, light intensity, photoperiod, and water and  
nutritional status without, however, any variance in geno-  
type.

The following characteristics have been repeatedly  
observed and are determined to be basic characteristics of  
'Redbragol' and distinguish the new Bracteantha as a new  
and distinct cultivar:

1. Compact and bushy growth habit.
2. Upright, outwardly spreading and rounded plant form.
3. Freely-flowering habit.
4. Bright yellow-colored involucre bracts and orange-  
colored disc florets.

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5. Short and strong peduncles that hold inflorescences  
above the foliage.

Plants of the new Bracteantha can be compared to plants of  
the female parent, the selection 95-137. In side-by-side  
comparisons conducted by the Inventor in Redland Bay,  
Queensland, Australia, plants of the new Bracteantha dif-  
fered from plants of the selection 95-137 in the following  
characteristics:

1. Inflorescence shape of the new Bracteantha is star-  
shaped whereas inflorescence shape of the selection 95-137  
is rounded.

2. Inflorescences of the new Bracteantha have fewer  
involucre bracts than inflorescences of the selection 95-137.

3. Inflorescences of the new Bracteantha have bright  
yellow-colored involucre bracts whereas inflorescences of  
the selection 95-137 have pink-colored involucre bracts.

Plants of the new Bracteantha can be compared to plants  
of the male parent, the selection 95-155. In side-by-side  
comparisons conducted by the Inventor in Redland Bay,  
Queensland, Australia, plants of the new Bracteantha dif-  
fered from plants of the selection 95-155 in the following  
characteristics:

1. Growth habit of the new Bracteantha is compact and  
bushy whereas growth habit of the selection 95-155 is  
upright and open.

2. Plants of the new Bracteantha have larger inflores-  
cences than plants of the selection 95-155.

3. Inflorescences of the new Bracteantha have bright  
yellow-colored involucre bracts whereas inflorescences of  
the selection 95-155 have red-colored involucre bracts.

Plants of the new Bracteantha can also be compared to  
plants of the cultivar Hastings Gold, not patented. In side-  
by-side comparisons conducted by the Inventor in Redland  
Bay, Queensland, Australia, plants of the new Bracteantha  
differed from plants of the cultivar Hastings Gold in the  
following characteristics:

1. Plants of the new Bracteantha are more freely flowering  
than plants of the cultivar Hastings Gold.

2. Plants of the new Bracteantha have larger inflores-  
cences than plants of the cultivar Hastings Gold.

3. Plants of the new *Bracteantha* have shorter peduncles than plants of the cultivar Hastings Gold.

Plants of the new *Bracteantha* differ primarily from plants of the cultivar Redbrapin, U.S. Plant patent application Ser. No. 09/844,367, filed concurrently, in involucre coloration as plants of the cultivar Redbrapin have dark pink-colored involucre bracts.

#### BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the overall appearance of the new cultivar, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ slightly from the color values cited in the detailed botanical description which accurately describe the colors of the new *Bracteantha*.

The photograph at the top of the sheet comprises a side perspective view of a typical plant of 'Redbragol' grown in a 15-cm container for about 8 weeks.

The photograph at the bottom of the sheet comprises a close-up view of a typical inflorescence of 'Redbragol'.

#### DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and values describe plants grown in Redland Bay, Queensland, Australia, under outdoor conditions with day temperatures ranging from 20 to 30° C. and night temperatures ranging from 10 to 15° C. Rooted liners of the new *Bracteantha* were planted in 15-cm containers and grown for about 8 weeks. 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: *Bracteantha bracteata* cultivar Redbragol.

Parentage:

*Female or seed parent.*—Proprietary selection of *Bracteantha bracteata* identified as code number 95-137, not patented.

*Male or pollen parent.*—Proprietary selection of *Bracteantha bracteata*, identified as code number 95-155, not patented.

Propagation:

*Type.*—By cuttings.

*Time to initiate roots.*—Summer: About 7 days at 30° C. Winter: About 14 days at 20° C.

*Time to produce a rooted cutting.*—Summer: About 21 days at 30° C. Winter: About 28 days at 20° C.

*Root description.*—Fine to fibrous; freely-branching.

Plant description:

*General appearance.*—Compact and bushy growth habit; upright, outwardly spreading and rounded plant form with dense foliage and inflorescences held above the foliage on strong peduncles. Freely branching, about 24 lateral branches per plant. Appropriate for 15-cm containers.

*Crop time.*—Rapid growth rate; to produce a finished 15-cm containerized plant from rooted cuttings, about 8 weeks are required.

*Plant height.*—About 21 cm.

*Plant width.*—About 23 cm.

*Lateral branch description.*—Length: About 10.3 cm. Width: About 4.9 cm. Internode length: About 7.8 mm. Texture: Slightly pubescent. Color: 147D.

*Foliage description.*—Arrangement: Alternate, single, sessile. Quantity of leaves per lateral branch: About 17. Length: About 6.96 cm. Width: About 1 cm. Shape: Linear elliptic. Margin: Entire. Apex: Acute. Texture, both surfaces: Leathery; smooth, glabrous. Venation pattern: Narrowly arcuate to reticulate. Color: Young and fully expanded leaves, upper surface: 137B; venation, 147C. Young and fully expanded leaves, lower surface: 137C; venation, 147C.

Flowering description:

*Inflorescence form.*—Daisy-type composite inflorescence form. Inflorescences arranged acropetally on a capitulum. Inflorescences, star-shaped.

*Inflorescence longevity.*—Inflorescences last on the plant for about 36 days. Inflorescences persistent.

*Natural flowering season.*—Natural flowering season is year-round in Redland Bay, Queensland, Australia; flowering continuous.

*Quantity of inflorescences.*—One terminal inflorescence per lateral branch, about 24 inflorescences per plant.

*Inflorescence aspect.*—Flat to slightly cupped.

*Inflorescence diameter.*—About 5.06 cm.

*Inflorescence depth (height).*—About 1.63 cm.

*Disc diameter.*—About 1.36 cm.

*Fragrance.*—Moderate; sweet.

*Involucre bracts.*—Quantity per inflorescence: About 102 in multiple whorls. Length: About 1.74 cm. Width: About 6.9 mm. Shape: Ligulate, concave. Apex: Acute. Base: Truncate. Margin: Entire. Texture, both surfaces: Smooth, papery, hard, satiny. Aspect: Incurved. Color: When opening, both surfaces: 7B. Fully opened, both surfaces: 7B.

*Disc florets.*—Two inconspicuous whorls of female filiform florets surround the perimeter of the disc, remainder of disc covered with bisexual disc florets. Quantity per inflorescence: About 704. Shape: Tubular with five lobes. Length: About 9.5 mm. Width: About 1 mm. Color, immature and mature: 23B.

*Peduncle.*—Length: About 5.15 cm. Diameter: About 3.1 mm. Aspect: Erect. Strength: Strong. Texture: Slightly pubescent. Color: 147D.

*Inflorescence bud.*—Length: About 1.82 cm. Diameter: About 2.16 cm. Shape: Broadly ovoid with acute apex. Color: 7B with longitudinal streaks, 166B, towards apex.

*Androecium.*—Present only on disc florets. Stamen quantity/arrangement: Fused anther tube with 5 long thin linear anthers surrounding the style. Anther color: 23A. Amount of pollen: Abundant. Pollen color: Yellow.

*Gynoecium.*—Present on both filiform and disc florets. Pistil number: One per floret. Style color: 23A. Stigma shape: Bi-parted. Stigma color: 23A.

*Seed.*—Length: About 2.35 mm. Diameter: About 0.7 mm. Color: 200D.

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

It is claimed:

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

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