



US00PP29569P3

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

(10) **Patent No.:** **US PP29,569 P3**

(45) **Date of Patent:** **Jul. 31, 2018**

(54) **VARIETY OF *RUDBECKIA* PLANT NAMED**  
**'BULLRUDI 05'**

(50) Latin Name: *Rudbeckia hirta* L.  
Varietal Denomination: **BullRudi 05**

(71) Applicant: **Hartwig Bull**, Gönnebek (DE)

(72) Inventor: **Hartwig Bull**, Gönnebek (DE)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 44 days.

(21) Appl. No.: **15/530,063**

(22) Filed: **Nov. 29, 2016**

(65) **Prior Publication Data**

US 2017/0164547 P1 Jun. 8, 2017

**Related U.S. Application Data**

(60) Provisional application No. 62/386,453, filed on Dec. 2, 2015.

(51) **Int. Cl.**  
*A01H 5/02* (2018.01)

(52) **U.S. Cl.**  
USPC ..... **Plt./474**

(58) **Field of Classification Search**  
USPC ..... **Plt./474**  
See application file for complete search history.

(56) **References Cited**

**PUBLICATIONS**

UPOV hit on *Rudbeckia* plant named 'BullRudi 05', QZ PBR 44214, filed Sep. 3, 2014 (Year: 2014).\*

\* cited by examiner

*Primary Examiner* — Anne Marie Grunberg

(74) *Attorney, Agent, or Firm* — The Webb Law Firm

(57) **ABSTRACT**

A new and distinct variety of *rudbeckia* plant having a compact growth habit with numerous long-lasting and large blooms.

**2 Drawing Sheets**

**1**

Botanical classification: *Rudbeckia hirta* L.  
Varietal denomination: 'BullRudi 05'.

**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cultivar of *rudbeckia* plant known by the varietal name 'BullRudi 05'. The new variety was discovered in October of 2013 in Gönnebeck, Germany as the result of a planned breeding program with the purposes of providing *rudbeckia* plants with improved growth, foliage, and blooms, including developing new color combinations of *rudbeckia* blooms. The new variety is the result of cross between an unpatented *Rudbeckia hirta* L. variety having an internal breeder's reference of "Bull M 2011-01" (female parent) and an unpatented *Rudbeckia hirta* L. variety having an internal breeder's reference of "Bull M 2011-02" (male parent) from the breeder's own collection. The new variety is similar to its parental varieties in botanical classification, but exhibits a more compact growth habit, cleaner foliage, and longer lasting and larger blooms than both of its parental varieties. When 'BullRudi 05' is compared to *Rudbeckia hirta* L. variety named 'Prärie Sun' (unpatented), 'BullRudi 05' is similar to 'Prärie Sun' in botanical classification, but 'BullRudi 05' exhibits improved plant quality, plant strength, growth, foliage, and larger blooms that differ in color from those of 'Prärie Sun'. Further, the following characteristics distinguish 'BullRudi 05' when generally compared to other *rudbeckia* varieties known to the breeder:

- Good self-branching;
- An upright and compact growth habit;
- Healthy, clean, and medium-sized foliage;
- Long-lasting and large blooms; and
- Differing bloom color.

**2**

'BullRudi 05' has been trial and field tested and has been found to retain its distinctive characteristics and remain true to type through successive propagations.

**DESCRIPTION OF THE DRAWINGS**

The accompanying photographic drawings illustrate the new variety at 18 weeks of age, with the color being as nearly true as is possible with color illustrations of this type: FIG. 1 shows an entire plant of the new variety; and FIG. 2 shows a close-up view of a bloom of the new variety.

**DESCRIPTION OF THE PLANT**

The following detailed description sets forth the characteristics of the new variety as the result of asexual reproductions performed via in vitro tissue culture in October of 2013 carried out in Gönnebeck, Germany. Plants of the new variety were grown outdoors in 21 cm (4 liter) pots, and the color readings and measurements were observed under natural light on 18 week old plants in Gönnebeck, Germany. Color references are primarily to the 2001 R.H.S. Colour Chart of The Royal Horticultural Society of London.

**PLANT**

- Time to initiate roots: About 7-10 days at approximately 18° C.
- Time to develop roots: About 38-45 days at approximately 16-18° C.
- Time to produce a finished flowering plant from a rooted cutting: About 12-14 weeks in a 21 cm container.

Rooting habit: Exhibits numerous roots of medium thickness that are freely branching and healthy in color.

Plant height: About 45-60 cm.

Plant width: About 30-40 cm.

Vigor: Average, with a compact growth habit.

Disease/pest resistance: Nothing unusual noted to date.

Temperature tolerance: From -5 to +40° C.

Drought tolerance: Average.

Branching habit: Exhibits one dominant strong branch with the biggest bloom and a few lateral side branches. All branches are upright, forming a nice round habit.

Branches (flowering stems):

*Number per plant.*—8-15.

*Length.*—5-20 cm.

*Diameter.*—6-10 mm.

*Internode length.*—2-10 cm.

*Angle.*—Upright.

*Strength.*—Strong.

*Texture.*—Stable, with pubescence present.

*Color.*—Approximately Green Group RHS 137C with several red spots.

Foliage:

*Arrangement.*—Alternate and simple.

*Leaf.*—Length: 9-22 cm. Width: 2-11 cm. Shape: 25

Oblanceolate. Apex: Acuminate. Base: Attenuate to

acute. Margin: Dentate and undulate. Texture: Upper

surface: Rough, with pubescence present. Lower

surface: Rough, with pubescence present. Color:

Young leaves: Upper surface: Approximately Green 30

Group RHS 137C. Lower surface: Approximately

Green Group RHS 138B. Mature leaves: Upper

surface: Approximately Green Group RHS 137A,

with some reddish-brown spots present. Lower sur-

face: Approximately Green Group RHS 138B, with 35

some reddish-brown spots present. Petiole: None

present. Veins: Venation type: Pinnate. Color: Upper

surface: Approximately Yellow-Green Group RHS

145C. Lower surface: Approximately Yellow-Green 40

Group RHS 145B.

### INFLORESCENCE

Bud:

*Shape.*—Elliptic-shaped ray florets and tubular-shaped 45

disc florets.

*Diameter.*—At least 3-5 cm.

*Length.*—At least 3 cm.

*Color.*—Approximately Yellow-Green Group RHS 50

151A.

Natural flowering season: Flowering occurs from the end of June to the middle of October in Germany, beginning approximately 10-12 weeks after planting.

Average number of inflorescences per plant: Numerous, 20-50.

Average number of inflorescences per branch: From 1-5.

Disc and ray floret arrangement: Disc florets are arranged in the middle of the receptacle of the inflorescence with ray florets extending outwardly therefrom.

Fragrance: Stable.

Inflorescence:

*Diameter.*—10-18 cm.

*Height (depth).*—2-3 cm.

*Diameter of disc.*—2.5-3.5 cm.

*Receptacle height.*—1-1.5 cm.

*Receptacle diameter.*—4-7 cm.

Ray florets:

*Number per inflorescence.*—15-20.

*Arrangement.*—In one or two whorls.

*Length.*—4-7 cm.

*Width.*—2-3 cm.

*Shape.*—Elliptical.

*Apex.*—Emarginate.

*Base.*—Acute.

*Margin.*—Entire.

*Texture.*—Upper surface: Smooth and glabrous. Lower surface: Rough.

*Color.*—When opening: Upper surface: Approximately

Yellow-Orange Group RHS 14A, with a light shimmer

of reddish-brown (approaching Greyed-Orange

Group RHS 166A) toward the base. Lower surface:

Approximately Yellow-Orange Group RHS 15B,

with a light shimmer of green. At maturity: Upper

surface: Approximately Yellow-Orange Group RHS

14A from the middle to the apex, with approximately

Greyed-Orange Group RHS 166A from the middle to

the base. Lower surface: Approximately Yellow-

Orange Group RHS 15B, with a light shimmer of

reddish-brown (approaching Greyed-Orange Group

RHS 166A) toward the base. Ground color descrip-

tion: Approximately Yellow-Orange Group RHS

14A from the middle to the apex, with approximately

Greyed-Orange Group RHS 166A from the middle to

the base.

*Venation.*—Appearance: Parallel. Color: Upper sur-

face: Same color as the florets. Lower surface: Same

color as the florets.

Disc florets:

*Number per inflorescence.*—Numerous; too many to 45

quantify.

*Arrangement.*—In the center of receptacle.

*Length.*—About 5-10 mm.

*Width.*—About 1 mm.

*Shape.*—Tubular.

*Apex.*—Five-pointed.

*Color.*—Immature: Approximately Brown Group RHS

200A. At maturity: Approximately Brown Group

RHS 200A.

Phyllaries:

*Number per inflorescence.*—20-35.

*Arrangement.*—In about three whorls.

*Length.*—1-3 cm.

*Width.*—3-8 mm.

*Shape.*—Lanceolate.

*Apex.*—Elongated oval.

*Base.*—Fused.

*Margin.*—Undulate.

*Texture.*—Upper surface: Rough, with pubescence

present. Lower surface: Rough, with pubescence

present.

*Color.*—Immature: Upper surface: Approximately

Green Group RHS 138A. Lower surface: Approxi-

mately Green Group RHS 138B. At maturity: Upper

surface: Approximately Green Group RHS 138A.

Lower surface: Approximately Green Group RHS

138B.

Reproductive organs:

Androecium:

*Presence.*—On ray and disc florets.

*Number (per floret).*—Numerous.

*Filament length.*—1-2 mm.

*Filament color.*—Approximately Brown Group RHS 200A.

*Anther.*—Shape: Round. Length: 1 mm. Color: Approximately Brown Group RHS 200A.

*Pollen.*—Color: Yellow. Amount: Plentiful; too much to quantify.

Gynoecium:

*Presence.*—In ray and disc florets.

*Pistil length.*—About 2 mm.

*Stigma.*—Shape: Two-parted. Color: Approximately Brown Group RHS 200B.

*Style.*—Length: 1-2 mm. Color: Brown.

Seeds:

Shape: Oval.

Overall size: Approximately 2 mm.

Color: Approximately Black Group RHS 202A.

I claim:

1. A new and distinct variety of *rudbeckia* plant named 'BullRudi 05', as is herein illustrated and described.

\* \* \* \* \*



Fig. 1



Fig. 2