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# United States Patent [19] van Rijn

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[54] **BOUGAINVILLEA PLANT NAMED 'RPBOUG 327'**

P.P. 3,630 10/1974 Thingholm ..... Plt./67.7

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[57] **ABSTRACT**

[22] Filed: **Oct. 29, 1997**

A distinct of Bougainvillea plant named 'Rpboug 327', characterized by its compact and upright growth habit; moderate to rapid growth rate; thornless stems; purple flower bracts; and spherical inflorescences with numerous flowers.

[51] **Int. Cl.<sup>6</sup>** ..... **A01H 5/00**

[52] **U.S. Cl.** ..... **Plt./256**

[58] **Field of Search** ..... Plt./67.7, 256

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

**2 Drawing Sheets**

P.P. 2,630 5/1966 Barry, Jr. .... Plt./67.7

**1**

**2**

The present invention relates to a new and distinct cultivar of Bougainvillea plant, botanically known as *Bougainvillea spectabilis*, and hereinafter referred to by the cultivar name Rpboug 327. The new Bougainvillea is marketed under the trade name Vera Deep Purple.

purple flower bracts, more flowers per inflorescence, and slightly smaller flowers.

The new Bougainvillea was discovered by the inventor in a controlled environment in Schipluiden, The Netherlands, in May, 1996, as a naturally-occurring mutation of the *Bougainvillea spectabilis* cultivar 'Vera Light Purple', (disclosed in U.S. Plant patent application Ser. No. 08/959,903). The new Bougainvillea was observed as a single plant with darker purple flower bracts in a group of plants of the parent cultivar.

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.

Asexual reproduction of the new Bougainvillea by terminal cuttings taken at Schipluiden, The Netherlands, has shown that the unique features of this new Bougainvillea are stable and reproduced true to type in successive generations.

On the first sheet, the top photograph comprises a top perspective view of a typical plant of 'Rpboug 327'.

The following traits have been repeatedly observed and are determined to be the unique characteristics of 'Rpboug 327'. These characteristics in combination distinguish 'Rpboug 327' as a new and distinct cultivar:

The bottom photograph on the first sheet comprises a top perspective view of a typical inflorescence of 'Rpboug 327'.

1. Upright and compact growth habit.
2. Moderate to rapid growth rate.
3. Thornless stems.
4. Purple flower bracts.
5. Spherical inflorescences with numerous flowers.

The photograph on the second sheet comprises a close-up view of typical flowers of 'Rpboug 327'. The flower and foliage colors in these photographs may appear different than the actual colors due to light reflectance.

The new Bougainvillea has not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature and light intensity, without, however, any variance in genotype.

In the following description, color references are made to The Royal Horticultural Society Colour Chart except where general terms of ordinary dictionary significance are used. The following observations and measurements describe plants grown in 13-cm containers in Schipluiden, The Netherlands, in a glass-covered greenhouse with day temperatures ranging from 16 to 35° C. and minimum night temperatures of 15° C.

Plants of the new Bougainvillea are similar to plants of the nonpatented Bougainvillea cultivar 'Alexander'. However, in side-by-side comparisons conducted in Schipluiden, The Netherlands, plants of the new Bougainvillea were more compact, grew faster, and were more floriferous. In addition, plants of the new Bougainvillea had spherical inflorescences whereas plants of the cultivar 'Alexander' do not form spherical inflorescences.

Botanical classification: *Bougainvillea spectabilis* cultivar 'Rpboug 327'.

Parentage: Naturally-occurring mutation of *Bougainvillea spectabilis* cultivar Vera Light Purple (disclosed in U.S. Plant patent application Ser. No. 08/959,903).

Propagation:

*Type*.—Terminal cuttings.

*Time to rooting*.—Summer: About 10 weeks with soil temperatures of 25 to 30° C. Winter: About 16 weeks with soil temperatures of 20 to 25° C.

*Rooting habit*.—Fibrous and freely branching.

Plant description:

*Appearance*.—Upright and compact woody shrub. Removal of terminal apices (pinching) enhances lateral branch development. Appropriate for 9 to 30-cm containers.

*Plant height from soil level to top of plant plane*.—About 28 cm.

*Plant width/spread*.—About 20 to 25 cm.

*Growth rate*.—Moderate to rapid.

Plants of the new Bougainvillea can also be compared to plants of its parent cultivar, 'Vera Light Purple', disclosed in U.S. Plant patent application Ser. No. 08/959,903. However, in side-by-side comparisons conducted in Schipluiden, The Netherlands, plants of the new Bougainvillea had darker

*Vigor*.—Moderate.

*Crop time*.—Starting with a rooted cutting, about 8 months are required to produce a finished flowering plant in a 13-cm container.

*Stem description*.—Diameter: About 5 mm. Internode length: About 2.5 cm. Texture: Glabrous and thornless. Color: Gray/green.

*Foliage description*.—Single, alternate, symmetrical. Size (largest leaves): Length: About 9 cm. Width: About 5.25 cm. Shape: Ovate. Apex: Apiculate. Base: Cuneate. Margin: Entire. Texture: Leathery, glabrous. Petiole length: About 2.5 cm. Color: Upper surface: Close to 147A. Under surface: Close to 146A. Venation: Lighter green than leaf surface. Petiole: Lighter green than leaf surface, similar to venation.

Flower description:

*Appearance*.—Cymose inflorescences that are spherical in shape and apetalous with a tubular modified calyx and conspicuous bracts.

*Numer of flowers per inflorescence*.—About 60.

*Inflorescence diameter*.—About 12 cm.

*Inflorescence height*.—About 14 cm.

*Flower diameter*.—About 3 cm.

*Flower height*.—About 4 cm.

*Bracts*.—Three showy purple bracts that are fused at the base and undulate with weak interveinal rugosity. Length: About 3.4 cm. Width: About 2.6 cm. Shape: Broadly ovate. Apex: Acute to apiculate. Base: Weakly auriculate. Margin: Entire. Color: Mature, upper side: Between 71D and 74B. Mature, under side: Between 71D and 74B. Venation, upper side: 144D/154C. Venation, under side: 144D/154C.

*Calyx*.—Appearance: Fused and tubular 5-lobed limb; pedicel confluent with the main vein of the supporting bract. Length: About 1.1 cm. Width: About 7 mm. Color: Apex: Cream, close to 158B, with light green tinge. Base: Light green with red tinge.

*Reproductive organs*.—Stamens: Five, yellow. Pistils: One, translucent white.

Disease resistance: Resistance to known Bougainvillea diseases has not been observed to date on plants grown under commercial greenhouse conditions.

Seed production: Seed production on plants of the new Bougainvillea has not been observed.

It is claimed:

1. A new and distinct cultivar of Bougainvillea plant named 'Rpboug 327', as illustrated and described.

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