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# United States Patent [19] van den Bosch

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[54] HYPERICUM PLANT NAMED 'BOSAKIN'

[75] Inventor: Bernard Renee van den Bosch,  
Rijnsburg, Netherlands

[73] Assignee: H. and B. R. van den Bosch B.V.,  
Rijnsburg, Netherlands

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[58] Field of Search ..... Plt./226

[56] References Cited

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P.P. 568 3/1943 Grullemans ..... Plt./226

OTHER PUBLICATIONS

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GTITM UPOVROM Citation for 'Bosakin' as per IL PBR '02675', Dec. 17, 1996.

GTITM UPOVROM Citation for 'Bosakin' as per AU PBR '97227', Sep. 26, 1997.

GTITM UPOVROM Citation for 'Bosakin' as per NZ PRB 'HYP002', Oct. 14, 1997.

Primary Examiner—Lynette F. Smith

Assistant Examiner—Kent L. Bell

Attorney, Agent, or Firm—C. A. Whealy

[57] ABSTRACT

A distinct cultivar of Hypericum plant named 'Bosakin', characterized by its long flowering stems; large dark red berries; dark green leaves; and excellent postproduction longevity.

2 Drawing Sheets

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The present invention relates to a new and distinct cultivar of Hypericum plant, botanically known as *Hypericum androsaemum*, commonly referred to as Saint John's Wort, commercially used as a cut flower, and hereinafter referred to by the cultivar name 'Bosakin'.

The new cultivar is a product of a planned breeding program conducted by the inventor in Rijnsburg, The Netherlands. The objective of the breeding program was to develop cut Hypericum varieties with attractive berry color, early flowering, long flowering stem length, and large berry size. The new cultivar originated from a cross made by the inventor in 1988 of two proprietary seedlings. The proprietary selection code number 83 was the female, or seed, parent, and the proprietary selection code number 71 was the male, or pollen, parent. The cultivar 'Bosakin' was discovered and selected by the inventor in August, 1989 as a flowering plant within the progeny of the stated cross in a controlled environment in Rijnsburg, The Netherlands.

Asexual propagation of the new cultivar by cuttings taken at Rijnsburg, The Netherlands, has shown that the unique features of this new Hypericum plant are stable and reproduced true to type in successive generations.

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

1. Long flowering stems.
2. Large dark red berries.
3. Dark green leaves.
4. Excellent postproduction longevity; cut stems typically last about 16 days.

The new Hypericum can be compared to the cultivar, 'Dual Flair' (U.S. Plant Patent application Ser. No. 09/004, 125). In side-by-side comparisons conducted in Rijnsburg, The Netherlands, plants of the new Hypericum were taller, had larger and redder berries, and flowered later than plants of the cultivar 'Bosadua'.

Plants of the new Hypericum have not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light or fertility level, without, however, any variance in genotype.

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BRIEF DESCRIPTION OF PHOTOGRAPHS

The accompanying colored photographs illustrate the new Hypericum plant, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type.

The photograph at the top of the first sheet comprises a view of typical flowering plants of the new Hypericum plant under commercial production in Rijnsburg, The Netherlands.

The photograph at the bottom of the first sheet comprises a close-up view of typical leaves of plants of the new Hypericum.

The photograph at the top of the second sheet comprises a close-up view of typical flowers of plants of the new Hypericum.

The photograph at the bottom of the second sheet comprises a close-up view of typical berries of plants of the new Hypericum. Flower, fruit and foliage color in these photographs may appear different from the actual colors due to light reflectance.

DETAILED BOTANICAL DESCRIPTION

The following observations, measurements, values, and comparisons describe plants grown in Rijnsburg, The Netherlands, under outdoor commercial production practice. 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.

Classification:

Botanical.—*Hypericum androsaemum* cultivar 'Bosakin'.

Commercial.—Cut Hypericum.

Parentage:

Female parent.—*Hypericum androsaemum* proprietary selection code number 83.

Male parent.—*Hypericum androsaemum* proprietary selection code number 71.

Propagation:

Type.—Cuttings.

Rooting habit.—Fine, fibrous and well-branched.

## Plant Description:

*Form.*—Upright woody shrub with lateral branches straight, branch angle about 40°.

*Growth habit.*—Moderately vigorous. Freely branching and dense growth.

*Plant height.*—About 70 cm.

*Stem and lateral branch color.*—Purplish red.

*Foliage description.*—Leaves arranged oppositely, single, sessile, and generally symmetrical. Length: About 8 cm. Width: About 5 cm. Shape: Ovate with acute apex and obtuse base. Margin: Entire. Texture: Smooth, leathery. Color: Upper side: Dark green, 136A/139A. Under side: Light green, 147B.

## Flower Description:

*Flower type and habit.*—Large golden yellow flowers arranged in apical compound umbels. Flowering medium late; plants flower about 14 weeks after planting. Natural flowering season in The Netherlands is early autumn, typically August and September. Flowers are not fragrant.

*Postproduction longevity.*—Cut flowers are typically harvested when all flowers have developed berries. From flowers to berries takes about three weeks. Postproduction longevity of cut stems of the new *Hypericum* typically is about 16 days.

*Flower diameter.*—About 3.5 cm.

*Petal.*—Quantity: Typically five per flower. Length: About 1.7 cm. Width: About 1.2 cm. Shape: Elliptic

to converse oval, concave and slightly bent back, blunt rounded apex, slightly asymmetrical. Margin: Entire. Color: 14A/14B.

*Sepals.*—Quantity: Typically five per flower. Size: Three larger sepals and two smaller sepals. Shape: Broadly elliptic with nearly rounded apex, often slightly asymmetrical. Color: Upper side: Green, 137B, with weak brownish red tones. Under side: Light green, 147B.

*Peduncles.*—Strength: Strong. Aspect: Erect. Length: About 2.5 cm. Color: 176A/178A to 181A.

*Reproductive organs.*—Stamens: Quantity: About 80 per flower. Stamen shape: Slightly fan-shaped. Stamen color: Yellow. Anther color: Yellow orange. Pistils: Style quantity: Three per flower. Style color: Light greenish yellow. Stigma color: Slightly reddish brown. Ovary color: Pale green.

*Fruit description.*—Shape: Elliptical. Length: About 1.5 cm. Diameter: About 1.2 cm. Color: Dark red, 185A/185B.

Disease Resistance: Resistance to pathogens common to *Hypericum* has not been observed under commercial production conditions.

It is claimed:

1. A new and distinct *Hypericum* plant named 'Bosakin', as illustrated and described.

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