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(12) **United States Plant Patent**
Valin(10) **Patent No.:** US PP23,463 P2
(45) **Date of Patent:** Mar. 12, 2013(54) **BUDDLEJA PLANT NAMED 'TOBUD0802'**(50) Latin Name: *Buddleja davidii*
Varietal Denomination: **TOBUD0802**(75) Inventor: **Charles Valin**, Norwich (GB)(73) Assignee: **Thompson and Morgan Ltd.**, Ipswich
(GB)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/136,625**(22) Filed: **Aug. 5, 2011**(51) **Int. Cl.***A01H 5/00* (2006.01)(52) **U.S. Cl.** **Plt./242**(58) **Field of Classification Search** Plt./242
See application file for complete search history.*Primary Examiner* — Kent L Bell*(74) Attorney, Agent, or Firm* — Mark P. Bourgeois**ABSTRACT**

A new cultivar of *Buddleja* plant named 'TOBUD0802' that is characterized by short internodes, conical flower spikes with purple flowers and a long flowering season.

1 Drawing Sheet**1**

Botanical classification: *Buddleja davidii*.
Variety denomination: 'TOBUD0802'.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Buddleja* plant botanically known as *Buddleja davidii* and hereinafter referred to by the cultivar name 'TOBUD0802'.

'TOBUD0802' originated from open pollination of the female or seed parent a proprietary *Buddleja davidii* identified as 'BU06/11' (not patented) and an unknown male or pollen parent in 2007. The resulting seeds were subsequently planted and grown. The cultivar 'TOBUD0802' was selected by the inventor in 2008 as a single plant in Harkstead, Ipswich, United Kingdom.

Asexual reproduction of the new cultivar 'TOBUD0802' first occurred by terminal cuttings in 2008 in Harkstead, Ipswich, United Kingdom. Since that time, under careful observation, the unique characteristics of the new cultivar have been uniform, stable and reproduced true to type in successive generations of asexual reproduction.

SUMMARY OF THE INVENTION

The following represent the distinguishing characteristics of the new *Buddleja* cultivar 'TOBUD0802'. These traits in combination distinguish 'TOBUD0802' as a new and distinct cultivar apart from other existing known varieties of *Buddleja*.

1. *Buddleja* 'TOBUD0802' exhibits short internodes.
2. *Buddleja* 'TOBUD0802' exhibits conical flower spikes with purple flowers.
3. *Buddleja* 'TOBUD0802' exhibits a long flowering season.

The closest comparison cultivar is *Buddleja* 'Tobudviolet' (not patented). 'TOBUD0802' is distinguishable from 'Tobudviolet' by the following characteristics:

1. 'TOBUD0802' has a larger overall size than 'Tobudviolet'.
2. 'TOBUD0802' has purple flowers. The flowers of 'Tobudviolet' are violet.

'TOBUD0802' is distinguishable from the female parent 'BU06/11' by the following characteristics:

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1. 'TOBUD0802' has darker purple flowers than 'BU06/11'.
2. 'TOBUD0802' exhibits a more compact habit.
3. 'TOBUD0802' exhibits longer flower spikes.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying photograph illustrates the distinguishing traits of *Buddleja* 'TOBUD0802'. The plant in the photograph shows a view of the inflorescence on a 4 month old plant. The photograph was taken using conventional techniques and although colors may appear different from actual colors due to light reflectance it is as accurate as possible by conventional photographic techniques.

BOTANICAL DESCRIPTION OF THE PLANT

The following is a detailed description of the new *Buddleja* cultivar named 'TOBUD0802'. Data was collected in Mainz, Germany from 4 month plants grown outdoors in 16 cm. diameter containers. The time of year was Fall and the average temperature was 20 degrees Centigrade during the day and 10 degrees Centigrade at night. The light level was natural light. No photoperiodic treatments or growth retardants were used. Color determinations are in accordance with The Royal Horticultural Society Colour Chart 2007 edition, except where general color terms of ordinary dictionary significance are used. The growing requirements are similar to the species. 'TOBUD0802' has not been tested under all possible conditions and phenotypic differences may be observed with variations in environmental, climatic, and cultural conditions, however, without any variance in genotype.

Botanical classification: *Buddleja davidii* 'TOBUD0802'. Annual or perennial: Perennial.

Parentage: 'TOBUD0802' is the product of the female or seed parent a proprietary *Buddleja davidii* identified as BU06/11 and an unknown male or pollen parent.

Plant type: Woody shrub.

Vigor: Strong.

Growth habit: Upright.

Plant shape: Bushy, upright.

Suitable container size: 16 cm. pots.

Height: 40 to 50 cm. in height.

Width: 40 to 50 cm. in width.		<i>Flower bud length.</i> —10 mm.
Low temperature tolerance: -20° Centigrade.		<i>Flower bud diameter.</i> —2 mm.
High temperature tolerance: 45° Centigrade.		<i>Flower bud shape.</i> —Clavate.
Propagation: Cuttings or tissue culture.		<i>Bud color.</i> —64A.
Time to initiate roots in summer: 14 days to initiate roots at 22° Centigrade.	5	<i>Rate of bud opening.</i> —3 to 4 days.
Time to initiate roots in winter: 20 days to initiate roots at 20° Centigrade.		<i>Flower aspect.</i> —Outward.
Time to produce a rooted cutting or liner in summer: 21 days at 22° Centigrade.	10	<i>Flower shape.</i> —Salverform.
Time to produce a rooted cutting or liner in winter: 28 days at 20° Centigrade.		<i>Flower dimensions.</i> —8 to 9 mm. in diameter and 10 mm. in height.
Crop time: Approximately 10 weeks.		<i>Flower longevity.</i> —5 to 8 days.
Root system: Fine and fibrous.	15	<i>Throat color.</i> —N25B.
Stem:		<i>Tube length.</i> —8 mm.
<i>Basal branching.</i> —Yes.		<i>Tube diameter.</i> —1 mm.
<i>Average number of lateral branches.</i> —10.		<i>Tube color.</i> —72C.
<i>Pinching.</i> —Yes.		<i>Number of petals.</i> —4 to 5.
<i>Lateral branch diameter.</i> —3 to 4 mm. in diameter.	20	<i>Fused or unfused.</i> —Fused.
<i>Lateral branch length.</i> —40 cm. in length.		<i>Petal arrangement.</i> —Cruciform.
<i>Internode length.</i> —2 to 3.5 cm.		<i>Petal texture.</i> —Smooth both sides.
<i>Stem shape.</i> —Round.		<i>Petal shape.</i> —Reniform.
<i>Stem strength.</i> —Strong.		<i>Petal margin.</i> —Undulate.
<i>Stem color.</i> —197B and 165A.	25	<i>Petal apex.</i> —Truncate.
<i>Pubescence.</i> —Present.		<i>Petal base.</i> —Fused.
Foliage:		<i>Petal length.</i> —4 mm.
<i>Leaf arrangement.</i> —Opposite.		<i>Petal width.</i> —3 mm.
<i>Compound or single.</i> —Single.		<i>Petal color when opening (upper side).</i> —N74C.
<i>Number of leaves per lateral branch.</i> —20 to 30.	30	<i>Petal color when opening (under side).</i> —N74B.
<i>Leaf shape.</i> —Oblanceolate.		<i>Petal color fully opened (upper side).</i> —N74C.
<i>Leaf apex.</i> —Acute.		<i>Petal color fully opened (under side).</i> —N74B.
<i>Leaf base.</i> —Attenuate.		<i>Petal color fading to.</i> —N74C.
<i>Leaf length.</i> —6 cm. in length.		<i>Self-cleaning or persistent.</i> —Persistent.
<i>Leaf width.</i> —1.4 cm. in width.	35	Sepals:
<i>Texture.</i> —Glabrous both surfaces.		<i>Sepal arrangement.</i> —Cruciform, clasping.
<i>Pubescence.</i> —Young leaves covered with short hairs on both sides.		<i>Number of sepals.</i> —4.
<i>Leaf margin.</i> —Serrate.		<i>Sepal shape.</i> —Ovate.
<i>Venation pattern.</i> —Anastomosing.	40	<i>Sepal margin.</i> —Entire.
<i>Young leaf color (upper surface).</i> —N189B.		<i>Sepal apex.</i> —Obtuse.
<i>Young leaf color (lower surface).</i> —192A.		<i>Sepal base.</i> —Fused.
<i>Mature leaf color (upper surface).</i> —N137C.		<i>Sepal dimensions.</i> —3.0 mm. in length and 2.0 mm. in width.
<i>Mature leaf color (lower surface).</i> —194A.		<i>Young sepal color (upper side).</i> —N137C.
<i>Vein color (upper surface).</i> —138C.	45	<i>Young sepal color (under side).</i> —N137C.
<i>Vein color (under surface).</i> —194A.		<i>Mature sepal color (upper side).</i> —N137C.
<i>Leaf attachment.</i> —Petiolate.		<i>Mature sepal color (under side).</i> —N137C.
<i>Petiole dimensions.</i> —2 mm. in length, and 1.0 mm. in diameter.		Calyx:
<i>Petiole color.</i> —194A.	50	<i>Calyx shape.</i> —Ovoid.
<i>Durability of foliage to stress.</i> —Strong.		<i>Calyx dimensions.</i> —2 mm. in length and 1 mm. in diameter.
Flower:		Peduncle:
<i>Inflorescence arrangement.</i> —Terminal and lateral verticillasters.		<i>Peduncle dimensions.</i> —3 mm. in length and 2 mm. in diameter.
<i>Inflorescence dimensions.</i> —7 to 10 cm. in length and 3 to 4 cm. in width.	55	<i>Peduncle angle.</i> —20 degrees from stem.
<i>Quantity of flowers per inflorescence.</i> —200 to 250.		<i>Peduncle strength.</i> —Moderate.
<i>Flower type.</i> —Salverform.		<i>Peduncle color.</i> —192A.
<i>Quantity of flowers per lateral stem.</i> —3 to 10 spikes.		Pedicels:
<i>Quantity of flower buds per lateral stem.</i> —10 to 20 spikes.	60	<i>Pedicel length.</i> —3 mm.
<i>Quantity of flowers and buds per plant.</i> —2000 to 5000.		<i>Pedicel diameter.</i> —1 mm.
<i>Natural flowering season.</i> —June to October.		<i>Pedicel color.</i> —148B.
<i>Time to flower.</i> —6 weeks.		Reproduction organs:
<i>Rate of flower opening.</i> —Every 3 to 4 days.	65	<i>Stamen number.</i> —4.
<i>Fragrance.</i> —Strong.		<i>Filament length.</i> —3 mm.

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Amount of pollen.—Low.

Pollen color.—11D.

Pistil number.—1.

Pistil length.—2.0 mm.

Stigma shape.—Elongated.

Stigma color.—138D.

Style length.—2 mm.

Style color.—192D. Ovary color.—192D.

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Fruit and seed production has not been observed.

Disease and pest resistance: Disease and pest resistance has not been observed.

The invention claimed is:

- 5 1. A new and distinct variety of *Buddleja* plant named 'TOBUD0802' as described and illustrated.

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U.S. Patent

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