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(54) **COMPACT FLORIBUNDA ROSE VARIETY**
'POULPEACY'

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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./145**

(56) **References Cited**

PUBLICATIONS

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(57) **ABSTRACT**

A new compact floribunda rose plant which has abundant,
yellow flowers and attractive foliage. The variety success-
fully propagates from softwood cuttings and is suitable for
year round production in commercial glasshouses. This new
and distinct variety has shown to be uniform and stable in
the resulting generations from asexual propagation.

2 Drawing Sheets

SUMMARY OF THE INVENTION

The present invention constitutes a new and distinct
variety of compact floribunda rose plant which originated
from a controlled crossing between an unnamed seedling
and an unnamed seedling. The two parents were crossed and
the resulting seeds were planted in a controlled environment.
The new variety is named 'POULpeacy'.

The new rose may be distinguished from its seed parent,
an unnamed seedling, by the following combination of
characteristics:

1. The unnamed seed parent has orange-yellow petals,
while 'POULpeacy' has yellow ones.
2. The growth of the unnamed seedling is more vigorous
than that of 'POULpeacy'.

The new variety may be distinguished from its pollen
parent, an unnamed seedling, created by the same inventors,
by the following combination of characteristics:

1. The yellow of the unnamed pollen parent's petals is
darker than that of 'POULpeacy's petals.
2. The unnamed pollen parent's growth is more vigorous
than that of 'POULpeacy'.

The objective of the hybridization of this rose variety for
commercial greenhouse culture was to create a new and
distinct variety with unique qualities, such as:

1. Uniform and abundant flowers;
2. Vigorous and compact growth;
3. Year-round flowering under glasshouse conditions;
4. Suitability for production from softwood cuttings in
pots;
5. Durable flowers and foliage which make a variety
suitable for distribution in the floral industry.

The combination of qualities of this variety represents
significant improvement over previously available commer-
cial cultivars of this type and distinguishes 'POULpeacy'
from all other varieties of which we are aware.

As part of their rose development program, L. Pernille
Olesen and Mogens N. Olesen germinated the seeds from
the aforementioned hybridization and conducted evaluations
on the resulting seedlings in a controlled environment in
Fredensborg, Denmark.

'POULpeacy' was selected by the inventors as a single
plant from the progeny of the hybridization in Fredensborg,
Denmark.

Asexual reproduction of 'POULpeacy' by cuttings and
traditional budding was first done by L. Pernille and Mogens
N. Olesen in Fredensborg, Denmark. This initial and other
subsequent propagations conducted in controlled environ-
ments have demonstrated that the characteristics of 'POUL-
peacy' are true to type and are transmitted from one gen-
eration to the next.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as true as is
reasonably possible to obtain in color photographs of this
type, the typical characteristics of the buds, flowers, leaves,
stems, and a plant of 'POULpeacy'. Specifically illustrated
in SHEET 1:

1. Stem or entire plant showing branching and the attach-
ment of leaves, buds, and peduncles;
2. Flower bud, partially opened bud, and open bloom;
3. Flower petals, detached;
4. Sepals, receptacle, and pedicel;
5. Flowering stem as well as a bare stem exhibiting
thorns;
6. Leaves.

DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'POULpeacy', as observed in its growth in glasshouses in Burlington, Canada; Half Moon Bay, Calif., and in a field nursery in Jackson County, Oreg., on plants aged 14 weeks. Color references are made using The Royal Horticultural Society (London, England) Colour Chart, 1995, except where common terms of color are used.

For a comparison, several physical characteristics of the rose variety 'POULdace', a miniature rose variety from the same inventors described and illustrated in U.S. Plant patent application Ser. No. 09/165,408 dated Oct. 2, 1998 are compared to 'POULpeacy' in Chart 1.

CHART 1

	'POULpeacy'	'POULdace'
Petal Count	Double; 34 to 38 Petals	Semi-Double; 15 to 20 Petals
Open Bloom, Upper Surface of Outermost petals.	Yellow Group 13B	Yellow Group 9B
Open Bloom, Petal Color, Reverse Side of Outermost Petals.	Yellow Group 13B	Yellow Group 9C

Parents

Classification:

Botanical.—*Rosa hybrida*.

Commercial.—*Compact Floribunda*.

FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size.—Upon opening, 25 mm to 35 mm in length from base of receptacle to end of bud.

Bud form.—Pointed ovoid.

Bud color.—As sepals unfold, Yellow Group 5B, (with some guard petals having intonations of Green Yellow Group 1B) to Yellow Group 12B at ¼ opening.

Sepals.—Sepals are 30–33 mm long and 10 mm wide. Sepal coloration is Green Group 137C. Medium to strong foliaceous appendages on three of the sepals. Some appendages 8 mm long, with feathered ends. Surfaces of sepals slightly pubescent. Limited number of stipitate glands present on margins of sepals. More pubescence on margins than observed on inside surface of sepal.

Receptacle.—Surface: Smooth. Shape: Funnel. Size: 6 to 8 mm (h)×10 mm (w). Color: Yellow-Green Group 144A.

Peduncle.—Surface: Smooth. Length: 40 to 60 mm average length. Color: Yellow Green Group 144A. Strength: Upright.

Borne.—Generally with 1 to 2, and occasionally 3, buds per flowering stem.

Flower bloom:

Fragrance.—Light; fruit-like scent.

Duration.—As a pot plant, flowers last from 14 to 21 days. As a cut flower 3 to 4 days.

Size.—Large for a 15 cm pot rose. Average flower diameter is 40 to 60 mm when open.

Form.—Shape of flower when viewed from the side:

Upon opening, upper part: Flattened convex to convex.

Upon opening, lower part: Flattened convex.

Open flower, upper part: Flattened convex.

Open flower, lower part: Flattened convex.

Petalage.—Very double; Average rang of 45 to 50 petals under normal conditions with 6 to 12 petaloids.

Color:

Upon opening, petals.—Outermost petals: Upper Surface: Yellow Group 13A to Yellow Group 13B in the middle zone. In the marginal zone, Yellow Group 13B to Yellow-Orange Group 15A and B. Reverse Side: Yellow Group 13C. Innermost petals: Upper Surface: Yellow Group 13A to Yellow Group 13B. Reverse Side: Yellow Group 13B.

Upon opening, basal petal spots.—No distinctive coloration at petal base observed.

After opening, petals.—Outermost petals: Upper Surface: Yellow Group 9A in the basal and middle portions of the petal; the margins appear as Yellow Group 4D. Reverse Side: Yellow Group 9C. Innermost petals: Upper Surface: Yellow Group 9B at base of petal and Yellow Group 9C in middle and margin of petal. Reverse Side: Yellow Group 9B to Yellow Group 9C.

Upon opening, basal petal spots.—No distinctive coloration at petal base observed.

General tonality: On open flower Yellow Group 9B. No change in the general tonality of the flower as it ages.

Petals:

Petal reflex.—Moderate petal reflex. Outermost petals double reflexed.

Petal margin.—Uniform, with inner petals slightly undulated.

Shape.—Round.

Petaloids.—Present; quantity: 6 to 12.

Thickness.—Average.

Petal size.—20 to 26 mm (w)×26 to 32 mm (h).

Arrangement.—Imbricated.

Reproductive organs:

Pollen.—Color: Greyed Orange Group 164B and C. Quantity: Average.

Anthers.—Size: 2 mm. Color: Yellow-Green Group 145C to Green Yellow Group 1C. Quantity: 35 to 40.

Filaments.—Color: Yellow-Orange Group 15A. Length: 5–6 mm.

Stigmas.—Superior in location to anthers. Color: Green Yellow Group 1B.

Styles.—Length: 6 to 7 mm. Color: Yellow-Green Group 145C.

PLANT

Plant growth: Vigorous, compact, upright. When grown as a 15 cm pot plant, the average height of the plant itself is to 24 to 28 cm and the average width is 24 to 28 cm.

Stems:

Color.—Young wood: Green Group 137 A and B. Older wood: Green Group 137A and B.

Thorns.—Incidence: Moderate number in mid to lower half of stems. Upper half of stem nearly thornless. Size: Average length: 3 to 8 mm. Color: Yellow-Green Group 145C at base with upper half having intonation of Greyed Red Group 181C. Shape: Linear.

Surface.—Young wood: Smooth. Older wood: Smooth.

Length.—Under typical greenhouse production conditions, stem length is 25 to 30 cm. Internode length varies from 8 to 10 cm.

Plant foliage: Normal number of leaflets on normal leaves in middle of the stem: 5 leaflets.

Leaf size.—Large; 95 to 115 mm (l)×70 to 90 mm (w).

Quantity.—Very abundant.

Color.—Upper Leaf Surface: Green Group 139A.

Lower Leaf Surface: Green Group 137C. Juvenile

foliage: Upper leaf surface is Green Group 137A to

Green Group 139A. Lower leaf surface is Green

Group 138A. Anthocyanin intonation: Yes. Location:

Margin of leaflet, upper petiole. Color: Greyed-

Purple Group 184A.

Plant leaves and leaflets:

Stipules.—Size: 6 to 7 mm. Color: Green Group 137C.

Presence of stipitate glands: Very limited number observed.

Petiole.—Length: 20 to 25 mm. Color: Green Group

137C. Underneath: Limited with a few, small prick-

les. Color is Yellow-Green Group 145D. Margins:

Moderate number of stipitate glands observed.

Rachis.—Color: Green Group 137C. Underneath:

Small prickles present every 10 to 15 mm. Some

stipitate glands present. Margins: Moderate number

of stipitate glands observed.

Leaflet.—Edge: Serrated. Shape: Ovate. Other: Moder-

ately glossy. Leathery; of average thickness.

Disease resistance: Above average resistance to mildew,

black spot, and Botrytis under normal growing conditions

in Half Moon Bay, Calif., and Fredensborg, Denmark.

Cold hardiness: 'POULpeacy' has been found to be resistant

to damage from cold, heat and drought damage in USDA

Zone 7.

We claim:

1. A new and distinct variety of compact floribunda rose

plant, substantially as herein illustrated and described as a

distinct and novel rose variety due to its abundant yellow

flowers, vigorous and compact growth, year round flowering

under glasshouse conditions, suitability for production from

softwood cuttings in pots, and durable flowers and foliage

which make the variety suitable for distribution in the floral

industry.

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