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Olesen

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(54) **MINIATURE ROSE PLANT NAMED**
'POULPAH054'

(50) Latin Name: **Rosa hybrid**
Varietal Denomination: **Poulpah054**

(75) Inventor: **Mogens Nyegaard Olesen**, Fredensborg
(DK)

(73) Assignee: **Poulsen Roser A/S**, Fredensborg (DK)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 55 days.

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A01H 5/00 (2006.01)

(52) **U.S. Cl.**
USPC **Plt./118**

(58) **Field of Classification Search**
USPC **Plt./118**
See application file for complete search history.

(56) **References Cited**
PUBLICATIONS

GTITM UPOVROM Citation for 'Poulpah054' as per QZ PBR
20100221; Feb. 3, 2010.*

* cited by examiner

Primary Examiner — Kent L Bell

(57) **ABSTRACT**

A new miniature rose plant that has abundant, yellow flowers
and attractive foliage. The variety successfully propagates
from softwood cuttings and is suitable for year-round produc-
tion in commercial glasshouses. This new and distinct variety
has shown to be uniform and stable in the resulting genera-
tions from asexual propagation.

2 Drawing Sheets

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Botanical designation: *Rosa* hybrid.
Variety denomination: 'Poulpah054'.

SUMMARY OF THE INVENTION

The present invention constitutes a new and distinct variety
of miniature rose plant which originated from a controlled
crossing between the female seed parent, an unnamed seed-
ling, and the male pollen parent, an unnamed seedling.

The two parents were crossed during the summer of 2006
and the resulting seeds were planted in a controlled environ-
ment in Fredensborg, Denmark. The new variety, named
'Poulpah054', originated as a single seedling from the stated
cross.

The new variety may be distinguished from its female seed
parent primarily by flower color. The female seed parent has
light yellow flowers while the new variety has yellow flowers.

The new variety may be distinguished from its male pollen
parent primarily by the height of the plant. The male pollen
parent grows to a height of 15 cm. The new variety is 18 to 25
cm.

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

1. Uniform and abundant yellow 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 suit-
able for distribution in the floral industry.

This combination of qualities is not present in previously
available commercial cultivars of this type, known to the
inventor, and distinguish 'Poulpah054' from all other variet-
ies of which we are aware.

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As part of the rose development program, Mogens N. Ole-
sen germinated the seeds from the aforementioned hybridiza-
tion and conducted evaluations on the resulting seedlings in a
controlled environment in Fredensborg, Denmark.
5 'Poulpah054' was selected by the inventor as a single plant
from the progeny of the hybridization in 2006.

Asexual reproduction of 'Poulpah054' by cuttings and tra-
ditional budding was first done by Mogens N. Olesen in the
nursery in Fredensborg, Denmark in June of 2007. This initial
and other subsequent propagations conducted in controlled
environments have demonstrated that the characteristics of
'Poulpah054' are true to type and are transmitted from one
generation 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,
and stems of 'Poulpah054'. Specifically illustrated in the
drawing:

FIG. 1; Open flowers, flower buds, petals detached, and
reproductive flower parts; and

FIG. 2; Leaves and stems.

DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'Poulpah054', as
observed in its growth in glasshouses in Half Moon Bay,
Calif. Observed plants are 10 weeks of age and were culti-
vated in 10.5 cm pots. Color references are made using The
Royal Horticultural Society (London, England) Colour
Chart, 2001, except where common terms of color are used.

For a comparison, several physical characteristics of the rose variety 'Poulsun', U.S. Plant Pat. No. 9,716, are compared to 'Poulpah054' in Chart 1.

CHART 1

	'Poulpah054'	'Poulsun'
Petalage:	40	30 to 35
Flower longevity:	28 days	6 days
Petal upper side coloration, upon opening:	Yellow Group 13C with intonations of Yellow-Orange Group 15C at margins.	Yellow Group 13A

FLOWER AND FLOWER BUD

Blooming habit: Continuous.

Flower bud:

Size.—Upon opening, 20 mm in length from base of receptacle to end of bud. 10 mm in diameter.

Bud form.—Ovate.

Bud color.—As sepals unfold petals are Yellow Group 4B with intonations of Yellow-Green Group 145B.

Sepals.—Upper Surface: Color: Yellow-Green Group 145B and 147A. At the margins of the apex, Greyed-Purple Group 183A. Texture: Smooth. Lower Surface: Color: Green Group 137A. At the margins of the apex, Greyed-Purple Group 183A. Texture: Smooth. Shape: Apex: Cirrhone. Base: Flat at union with receptacle. Margins: Margins have moderate foliaceous appendages on three of the five sepals. Size: 35 mm long by 10 mm wide.

Receptacle.—Surface Texture: Smooth. Shape: Campanulate. Size: 4 mm in height, by 5 mm wide. Color: Yellow-Green Group 144A.

Pedicel.—Surface: Somewhat rough with small prickles. Length: 30 to 35 mm. Diameter: About 3 mm. Color: Yellow-Green Group 144B. Strength: Medium strength.

Borne.—Singly.

Flower bloom:

Fragrance.—Light floral.

Duration.—As a pot plant, flowers last up to 28 days. Petals do not fall cleanly away from plant.

Size.—60 to 70 mm flower diameter. 25 mm deep.

Form.—Generally, flowers are cupped with a tightly closed center.

Shape of flower, side view.—The upper portion is flat. The lower portion is a flattened convex.

Petalage: There are normally 40 petals, 5 to 8 of which are petaloids.

Color:

Upon opening, petals.—Outermost petals: Upper Surface: Yellow Group 13C with intonations of Yellow-Orange Group 15C at margins. Lower Surface: Yellow Group 13C with intonations of Yellow-Orange Group 15C at margins. Occasionally, there are streaks of Red Group 47B. Innermost petals: Upper Surface: Yellow Group 13C with intonations of Yellow-Orange Group 15C at margins. Lower Surface: Yellow-Orange Group 14C with intonations of Yellow-Orange Group 16B. Occasional streaks of Red Group 47B. Petal Spots: Upon opening, no distinctive coloration at petal base observed. Outer and inner petals: Upper Surface: Yellow-Orange Group 13B to 13C with into-

nations of Yellow-Orange Group 15C at margins. Lower Surface: Yellow-Orange Group 13B to 13C with intonations of Yellow-Orange Group 15C at margins. Occasional streaks of Red Group 47B. Petal Spots: After opening, no distinctive coloration at petal base observed.

General tonality: Yellow-Orange Group 14A to Yellow Group 12B.

Petaloids:

Petal reflex.—Absent.

Petal margin.—Entire and uniform.

Shape.—Generally broad elliptic. Base: Rounded. Apex: Rounded.

Size.—35 mm long by 38 mm wide on average. Inner petals are 18 mm long by 20 mm wide.

Thickness.—Average.

Texture.—Smooth.

Petaloids:

Quantity.—Normally, there are 5 to 8 petaloids.

Size.—15 mm long; 8 mm wide.

Shape.—Apex is acute. Base is acute. Generally the petaloids are asymmetrical.

Color.—Upper Surface: Yellow-Orange Group 13B to 13C with intonations of Yellow-Orange Group 15C at margins. Lower Surface: Yellow-Orange Group 13B to 13C with intonations of Yellow-Orange Group 15C at margins. Occasional streaks of Red Group 47B.

Reproductive organs:

Pollen.—None observed.

Anthers.—Size: 2 mm long. Color: Yellow-Orange Group 16B. Quantity: 60 on average.

Filaments.—Color: Yellow Group 12A. Length: 4 mm.

Pistils.—Length: 5 mm long. Quantity: On average, 40.

Stigmas.—Superior relative to the length of the filaments and the height of the anthers. Color: Greyed-Yellow Group 160A.

Styles.—Color: Red Group 39B.

Seed formation.—Not observed.

PLANT

Plant growth: Upright. When grown as a 10.5 cm pot plant on its own roots, the average height of the plant itself is 18 to 25 cm and the average width is 15 cm.

Stems:

Color.—Young wood: Yellow-Green Group 144B. Older wood: Yellow-Green Group 144A. Internodal distance: 30 mm on average. Length of stems: 15 cm from the base of the plant to the flowering portion.

Diameter.—3 to 4 mm.

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

Prickles:

Incidence.—4 per 10 cm of stem.

Size.—Average length 6 mm.

Color.—Juvenile prickles are Greyed-Red Group 181C. Mature prickles are Greyed-Red Group 181C.

Shape.—Linear.

Plant foliage: On average, 5 leaflets.

Compound leaf size.—80 mm (l)×75 mm (w).

Quantity.—2 leaves per 10 cm of stem.

Color.—Juvenile foliage: Upper Leaf Surface: Yellow-Green Group 147A. Lower Leaf Surface: Yellow-Green Group 147B. Anthocyanin: Margins are Greyed-Red Group 183A. Mature foliage: Upper

Leaf Surface: Yellow-Green Group 147A. Lower Leaf Surface: Yellow-Green Group 147B.

Plant leaves and leaflets:

Stipules.—Size: 9 mm in length. Shape: Linear, slightly broad based with outward extending apices. Margins: Entire. Color: Yellow-Green Group 147A.

Petiole.—Length: 15 mm on average. Diameter: 1 mm. Color: Upper surface is Green Group 138A. Anthocyanin is the color of Greyed-Purple Group 183A. The lower surface is Yellow-Green Group 144B. Underneath: Small prickles observed.

Rachis.—Length: About 20 mm. Diameter: About 1 mm. Color: Upper surface is Green Group 138A. Anthocyanin is the color of Greyed-Purple Group 183A. The lower surface is Yellow-Green Group 144B. Underneath: Small prickles observed.

Leaflet.—Size: 55 mm in length by 30 mm wide. Margin: Serrate. General Shape: Elliptical. Apex Shape: Acute. Base Shape: Round. Texture: Smooth.

Arrangement: Odd pinnate. Venation: Reticulate. Leaf Gloss: Matte surface.

Disease resistance: Average resistance to powdery and downy mildew, black spot, and *Botrytis* under normal growing conditions.

Cold hardiness: The variety is tolerant to USDA Cold Hardiness Zone 6.

Heat tolerance: The variety has been found to be suitable for climate conditions found in the American Horticultural Society heat zone 7.

The invention claimed is:

1. A new and distinct variety of rose plant of the miniature class named 'Poulpah054', substantially as illustrated and described herein, due to its abundant, yellow flowers, vigorous growth, compact habit, suitability for production from softwood cuttings in pots, and durable flowers and foliage that make the variety suitable for distribution in the floral industry.

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Figure 1



Figure 2