

(12) **United States Plant Patent**
Uebelhart

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(54) **PHYSALIS PLANT NAMED ‘KING’**

(50) Latin Name: *Physalis alkekengi*
Varietal Denomination: **King**

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patent is extended or adjusted under 35
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(58) **Field of Classification Search** Plt./263.1
See application file for complete search history.

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(57) **ABSTRACT**

This invention relates to a new and distinct variety of *Physalis*
plant named ‘King’. The new variety is primarily character-
ized by an upright, moderate growth habit and bright orange
husks, is disclosed.

1 Drawing Sheet

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Genus and species: *Physalis alkekengi*.
Variety denomination: ‘King’.

BACKGROUND OF THE NEW PLANT

The present invention relates to a new and distinct *Physalis*
variety designated ‘King’ and botanically known as *Physalis*
alkekengi. This new *Physalis* variety was discovered in Tog-
graben, Germany in June 2006 and originated from an open
pollination between the proprietary female parent ‘04-98’
(unpatented) and un-named *Physalis* plants. The original
seedling of the new variety was first asexually propagated in
Boijl and Aalsmeer, The Netherlands in 2008.

‘King’ was subsequently asexually propagated and under-
went further testing in Boijl and Aalsmeer, The Netherlands
for two years. The present invention has been found to retain
its distinctive characteristics through successive asexual
propagations via stolons and tissue culture.

Plant Breeder’s Rights for this variety have not been
applied for. ‘King’ has not been made publicly available or
sold more than one year prior to the filing date of this appli-
cation.

DESCRIPTION OF THE PHOTOGRAPH

The accompanying color photograph shows the overall
plant habit of a 6-month old plant. The colors shown are as
true as can be reasonably obtained by conventional photo-
graphic procedures.

DESCRIPTION OF THE NEW VARIETY

The following detailed descriptions set forth the distinctive
characteristics of ‘King’. The data which define these char-
acteristics is based on observations taken in Boijl and Aals-
meer, The Netherlands in September 2010. This description is
in accordance with UPOV terminology. Color designations,
color descriptions, and other phenotypical descriptions may
deviate from the stated values and descriptions depending
upon variation in environmental, seasonal, climatic, and cul-
tural conditions. ‘King’ has not been observed under all pos-
sible environmental conditions. The botanical description of

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‘King’ was taken from 6 month old plants. Color terminology
follows The Royal Horticultural Society Colour Chart, Lon-
don (R.H.S.) (2001).

**5 DETAILED BOTANICAL DESCRIPTION OF THE
PLANT**

Classification:

Species.—*Physalis alkekengi*.

10 *Common name.*—*Physalis*.

Denomination.—‘King’.

Plant:

Height (cm).—20.0 cm.

15 *Diameter (cm).*—30.0.

Habit and shape.—Narrow/bushy and hanging.

Vigor.—Moderate.

Shoot:

Attitude of one year old shoot.—20.0 cm.

20 *Curvature of one year old shoot.*—Bended.

Number of basal shoots per plant.—3 to 4.

Prickles.—Absent.

Color.—RHS 137A and RHS 187A.

Leaves:

25 *Length, mature (cm).*—6.0 cm.

Width, mature (cm).—3.0 cm.

Apex.—Acute.

Base.—Obtuse.

30 *Margin.*—Entire.

Shape.—Deltoid.

Color, both immature and mature.—Upper surface: RHS
135A. Lower surface: RHS 138B.

Texture.—Smooth.

Anthocyanin.—Absent.

35 *Angle of base of blade with petiole.*—Right angle.

Glossiness of both leaf surfaces.—Weak.

Petiole.—Length (cm): 2.0 cm. Diameter (cm): 2.0 mm.

Pubescence: absent. *Color:* RHS 137A and RHS
187A.

40 Flower:

Predominant number of flowers per plant.—Greater
than 50.

Time of flowering (from first to last flower).—July.

Sepal.—Shape: Aristate. Apex: Acute. Base: Fused.
Margin: fused. Length: 7.0 cm. Width: 3.0 cm. Num-
ber of sepals per flower: 5. Color (both upper and
lower surfaces): RHS 33A. Anthocyanin coloration:
Absent. Texture: Smooth.

Fruit:

Length.—1.0 cm.
Width.—0.8 cm.
Weight, per individual fruit.—10g.
Relative fruit size.—Small.
Predominant fruit shape.—Oval/rounded.
Color.—RHS 34A.
Evenness of fruit color.—Even.
Pubescence.—Absent.
Veining.—Strong.
Fruit glossiness.—High.
Firmness of flesh.—Firm.
Color of flesh.—RHS 34A.

Evenness of flesh color.—Even.

Peduncle.—Length (cm): 3.0 cm. Diameter (cm): 1.0
mm. Color: RHS 137A and RHS 187A. Pubescence:
Absent.

5 Disease and insect resistance: No particular resistance
observed.

COMPARISON WITH PARENTAL AND
COMMERCIAL VARIETIES

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A comparison between ‘King’ cannot be made with the
proprietary female parent ‘04-98’ (unpatented) because
plants of ‘04-98’ are no longer available.

I claim:

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1. A new and distinct variety of *Physalis* plant as described
and shown herein.

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