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Uebelhart

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(54) **PHYSALIS PLANT NAMED ‘QUEEN’**

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

(75) Inventor: **Georg Uebelhart**, Schwarmstedt (DE)

(73) Assignee: **Amazing Breeders Company B.V.**,
Aalsmeer (NL)

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patent is extended or adjusted under 35
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(51) **Int. Cl.**

A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./263.1**

(58) **Field of Classification Search** **Plt./263.1**
See application file for complete search history.

Primary Examiner — Kent L Bell

(74) *Attorney, Agent, or Firm* — Jondle & Associates, P.C.

(57) **ABSTRACT**

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

1 Drawing Sheet

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

BACKGROUND OF THE NEW PLANT

The present invention relates to a new and distinct *Physalis*
variety designated ‘Queen’ and botanically known as *Physa-*
lis alkekengi. This new *Physalis* variety was discovered in
Toggraben, Germany in September 2007 and originated from
an open pollination between the proprietary female parent
‘06-31’ (unpatented) and an un-named *Physalis* plant. The
original seedling of the new variety was first asexually propa-
gated by vegetative cuttings in Boijl and Aalsmeer, The Neth-
erlands in 2008.

‘Queen’ was subsequently asexually propagated and
underwent further testing in Boijl and Aalsmeer, The Neth-
erlands 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. ‘Queen’ 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 ‘Queen’. 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

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upon variation in environmental, seasonal, climatic, and cul-
tural conditions. ‘Queen’ has not been observed under all
possible environmental conditions. The botanical description
of ‘Queen’ was taken from 6 month old plants. Color termi-
nology follows The Royal Horticultural Society Colour
Chart, London (R.H.S.) (2001).

**DETAILED BOTANICAL DESCRIPTION OF THE
PLANT**

Classification:

Species.—*Physalis alkekengi*.

Common name.—*Physalis*.

Denomination.—‘Queen’.

Plant:

Height (cm).—40.0 cm.

Diameter (cm).—30.0 cm.

Habit and shape.—Upright.

Vigor.—Very vigorous.

Shoot:

Attitude of one year old shoot.—40.0 cm.

Curvature of one year old shoot.—Straight.

Number of basal shoots per plant.—30.

Prickles.—Absent.

Color.—RHS 147C.

Leaves:

Length, mature (cm).—8.0 cm.

Width, mature (cm).—5.0 cm.

Apex.—Acute.

Base.—Obtuse.

Margin.—Entire.

Shape.—Deltoid/aristate.

Color, both immature and mature.—Upper surface:
RHS 146A. Lower surface: RHS 146B.

Texture.—Smooth.

Anthocyanin.—Absent.

Angle of base of blade with petiole.—Obtuse.

Glossiness of both leaf surfaces.—Weak.

Petiole.—Length (cm): 4.0 cm. Diameter (mm): 4.0
mm. Pubescence: Absent. Color: RHS 146A.

Flower:

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

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

Sepal.—Shape: Ovate/rounded and fused. Base: Fused. Length: 5.0 cm. Width: 3.0 cm. Number of sepals per flower: 5. Color (both upper and lower surfaces): RHS 30A.

Fruit:

Length.—1.0 cm.

Width.—1.0 cm.

Weight, per individual fruit.—10 g.

Relative fruit size.—Small.

Predominant fruit shape.—Round.

Color.—RHS 44B.

Evenness of fruit color.—Even.

Pubescence.—Absent.

Veining.—Strong.

Fruit glossiness.—High.

Firmness of flesh.—Firm.

Color of flesh.—RHS 44B.

Evenness of flesh color.—Even.

Peduncle.—Length (cm): 3 cm. Diameter (cm): 1 mm.

Color: RHS 146A. Pubescence: absent.

5 Disease and insect resistance: No particular resistance observed.

COMPARISON WITH PARENTAL AND COMMERCIAL VARIETIES

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Physalis ‘Queen’ cannot be compared to the female parent ‘06-31’, because plants of ‘06-31’ are no longer available.

15 *Physalis* ‘Queen’ differs from the commercial variety ‘Jumbo’ (EUCPVR 10698) in that ‘Queen’ has a plant height of 40.0 cm and a leaf length of 8.0 cm, whereas ‘Jumbo’ has a plant height of 60.0 cm and a leaf length of 7.0 cm.

I claim:

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

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