



US00PP22185P2

(12) **United States Plant Patent**
van Kleinwee(10) **Patent No.:** US PP22,185 P2
(45) **Date of Patent:** Oct. 4, 2011

- (54) **ARGYRANTHEMUM PLANT NAMED 'ARGYMINYEL'**
- (50) Latin Name: *Argyranthemum frutescens*
Varietal Denomination: Argymyel
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- (73) Assignee: **Syngenta Crop Protection AG**, Basel (CH)
- (*) 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.: **12/807,519**
- (22) Filed: **Sep. 8, 2010**

- (51) **Int. Cl.**
A01H 5/00 (2006.01)
- (52) **U.S. Cl.** **Plt./406**
- (58) **Field of Classification Search** Plt./406
See application file for complete search history.

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(57) **ABSTRACT**

A new *Argyranthemum* plant named 'Argymyel' particularly distinguished by the yellow inflorescence color, medium green foliage, short peduncles, mounded and compact plant habit with good branching.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Argyranthemum frutescens.
Varietal denomination: 'Argymyel'.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Argyranthemum*, botanically known as *Argyranthemum frutescens*, and hereinafter referred to by the variety name 'Argymyel'.

'Argymyel' is a product of a planned breeding program. The new cultivar has yellow inflorescence color, medium green foliage, short peduncles, mounded and compact plant habit with good branching.

'Argymyel' originated from a hybridization made in July 2005 in a controlled breeding environment in Enkhuizen, Netherlands. 'Argymyel' was derived from an open pollinated cross within the gene pool labeled 'C211-1', after several backcrosses were made. 'Argymyel' has brighter yellow inflorescence color, better branching, smaller inflorescence diameter, is more floriferous and has an earlier flower season. The seed was collected in bulk and then sown in February 2006.

'Argymyel' was selected as one flowering plant within the progeny of the stated cross in May 2006 in a controlled environment in Enkhuizen, Netherlands.

The first act of asexual reproduction of 'Argymyel' was accomplished when vegetative cuttings were propagated from the initial selection in May 2006 in a controlled environment in Enkhuizen, Netherlands.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in May 2006, and continuing thereafter, has demonstrated that the combination of characteristics as

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herein disclosed for 'Argymyel' are firmly fixed and are retained through successive generations of asexual reproduction.

5 'Argymyel' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

Plant Breeder's Right for this cultivar were applied for in Canada on Feb. 9, 2010 (10-6820) and in CPVO on Sep. 29, 2009 (2009/1912). 'Argymyel' has not been made publicly available more than one year prior to the filing of this application.

15 The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Argyranthemum* as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

20 The accompanying photographic drawing shows typical flower and foliage characteristics of 'Argymyel' with colors being as true as possible with an illustration of this type. The photographic drawing shows a flowering potted plant of the new variety and a close-up of the inflorescences.

DETAILED BOTANICAL DESCRIPTION

25 The aforementioned photographs were taken in April 2009 from plants growing in a greenhouse trial in Enkhuizen, Netherlands. These plants were growing in 4 inch pots and were approximately 12 weeks of age.

30 The plant descriptions and measurements were taken in mid-May 2010 in Hillscheid, Germany on 12 week old plants that had been planted into 12 cm pots. Rooted cuttings were potted and grown in the greenhouse at a minimum temperature of 12° C. day and night, from late April at a minimum temperature (heating temperature) of 8° C.

35 40 Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

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Color of pollen.—RHS 12A.

Pollen amount.—Moderate.

Fertility/seed set: Fertility/seed set has not been observed on
this hybrid.

Disease/pest resistance: Disease/pest resistance has not been 5
observed on this hybrid.

What is claimed is:

1. A new and distinct variety of *Argyranthemum* plant named ‘Argyminyel’ substantially as illustrated and described herein.

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