

Title (en)

PLANT CARE SYSTEM COMPRISED OF A PLANTER, VALVE AND PRESSURE CONTROL VALVE

Title (de)

PFLANZENVERSORGUNGSSYSTEM AUS PFLANZVORRICHTUNG, VENTIL UND DRUCKSTEUERUNGSVENTIL

Title (fr)

SYSTEME D'ALIMENTATION DE PLANTES COMPOSE D'UN DISPOSITIF A PLANTES, D'UNE SOUPAPE ET D'UNE SOUPAPE DE COMMANDE DE PRESSION

Publication

**EP 1885172 A2 20080213 (DE)**

Application

**EP 06742292 A 20060427**

Priority

- DE 2006000749 W 20060427
- DE 102005025968 A 20050603

Abstract (en)

[origin: WO2006128414A2] The invention relates to a planter (10) with a plant container (12) that is open at the top and with a holding container (18), which is also open at the top and which serves to hold a plant culture. The plant container (12) and/or the holding container (18) are/is provided with a spacer device (24) so that the bottom (20) of the holding container (18) is situated at a distance above the bottom (14) of the plant container (12). The space (26) delimited by the respective bottoms (14, 20) can be filled with water. The planter (10) also comprises at least one overflow element (28), which specifies the maximum height to which the plant container (12) can be filled with water or comprises at least one indicating device that indicates a maximum height to which the plant container (12) can be filled with water. According to the invention, the bottom (20) of the holding container (18) has recesses (30) and/or elevations (32) of different dimensions so that at least some areas of the bottom (20) of the holding container (18) are located at the same height and/or preferably underneath the maximum filling height of the plant container (12), and at least some other areas of the bottom (20) of the holding container (18) are located above the maximum filling height of the plant container (12). The bottom (20) of the holding container (18) has openings (34) through which the water flows into the space (26) and/or out of the space (26) and into the plant culture and/or through which the roots can grow out from the plant culture and into the space (26).

IPC 8 full level

**A01G 9/02** (2006.01); **A01G 27/02** (2006.01)

CPC (source: EP)

**A01G 9/02** (2013.01); **A01G 27/02** (2013.01)

Citation (search report)

See references of WO 2006128414A2

Citation (examination)

- DE 2061201 A1 19710624 - SVANEBERGS MILJOEFOERBAETTRING
- FR 2088657 A5 19720107 - MEYNIER PIERRE
- WO 9940775 A1 19990819 - VALIQUETTE MARC ANDRE [CA]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006128414 A2 20061207; WO 2006128414 A3 20070322**; DE 112006002100 A5 20080521; EP 1885172 A2 20080213

DOCDB simple family (application)

**DE 2006000749 W 20060427**; DE 112006002100 T 20060427; EP 06742292 A 20060427