

Title (en)
A PLANT GROWING CABINET

Title (de)
PFLANZENWACHSTUMSSCHRANK

Title (fr)
ARMOIRE DE CULTURE DE PLANTE

Publication
EP 3723473 A4 20210825 (EN)

Application
EP 18889930 A 20181009

Priority
• TR 201720201 A 20171212
• TR 2018050573 W 20181009

Abstract (en)
[origin: WO2019117837A1] The present invention relates to a plant growing cabinet (1) comprising a body (3) in which at least one plant growing unit (2) is disposed, a plant growing tray (4) placed above the plant growing unit (2), in which the mixture is placed enabling the plants to grow, whose base is of perforated structure, a liquid chamber (5) in liquid connection with the plant growing unit (2), in which the liquid solution is stored required by the plants to grow, a sensor (6) measuring the level of liquid in the liquid chamber (5), a transmission tube (7) enabling fluid connection between the liquid chamber (5) and the plant growing unit (2), a transmission valve (8) connecting the transmission tube (7) to the plant growing unit (2), a discharge tube (9) discharging to the liquid chamber (5) the excess liquid remaining on the base of the plant growing unit (2) after being absorbed by the mixture, and a discharge valve (10) connecting the discharge tube (9) to the plant growing unit (2).

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A01G 31/06 (2006.01)

CPC (source: EP)
A01G 31/06 (2013.01); **Y02P 60/21** (2015.11)

Citation (search report)
• [XDYI] KR 20130017139 A 20130220 - C & W UNITED CO LTD [KR], et al
• [X] CN 103416292 B 20150722 - WANG AIWU
• [YA] WO 2014190797 A1 20141204 - HAIER GROUP CORP [CN], et al
• [AD] WO 2016164652 A1 20161013 - GROWX INC [US]
• See references of WO 2019117837A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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