

Title (en)

AIR DELIVERY SYSTEM FOR PLANT GROW RACK

Title (de)

LUFTZUFUHRSYSTEM FÜR PFLANZENZUCHTGESTELL

Title (fr)

SYSTÈME DE DISTRIBUTION D'AIR POUR RAYONNAGE DE CULTURE DE PLANTES

Publication

**EP 4203669 A1 20230705 (EN)**

Application

**EP 21862672 A 20210825**

Priority

- US 202063070819 P 20200826
- US 202163216950 P 20210630
- US 2021047585 W 20210825

Abstract (en)

[origin: WO2022046928A1] An air delivery apparatus constructed to distribute air across a plant grow rack includes an inlet; a chamber connected to the inlet; a channel connected to the chamber, the channel including a bottom wall; a plurality of channel vents disposed in the bottom wall; and a flow diverter constructed to direct air in the chamber toward a channel; wherein the channel vents are constructed to receive air within the channel and direct the air down toward a tray of the plant grow rack.

IPC 8 full level

**A01G 9/00** (2018.01); **A01G 7/00** (2006.01)

CPC (source: EP)

**A01G 9/1423** (2013.01); **A01G 9/246** (2013.01); **A01G 31/06** (2013.01)

Citation (search report)

See references of WO 2022046928A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022046928 A1 20220303**; CA 3190853 A1 20220303; EP 4203669 A1 20230705; TW 202215944 A 20220501

DOCDB simple family (application)

**US 2021047585 W 20210825**; CA 3190853 A 20210825; EP 21862672 A 20210825; TW 110131687 A 20210826