

Title (en)

AN INDEPENDENT AEROPONIC FARMING UNIT AND METHOD FOR INDEPENDENT AEROPONIC FARMING

Title (de)

UNABHÄNGIGE AEROPONISCHE LANDWIRTSCHAFTSEINHEIT UND VERFAHREN FÜR UNABHÄNGIGE AEROPONISCHE LANDWIRTSCHAFT

Title (fr)

UNITÉ D'AGRICULTURE AÉROPONIQUE INDÉPENDANTE ET PROCÉDÉ POUR L'AGRICULTURE AÉROPONIQUE INDÉPENDANTE

Publication

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Application

EP 21877059 A 20211004

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Abstract (en)

[origin: WO2022074288A1] The invention relates to an independent aeroponic farming unit for growing tuber plants or root vegetable plants having an aerial shoot and underground root part, the unit comprises a aeroponic cultivation system comprising a plant support base for supporting the plant, a growing chamber, the growing chamber walls being non-transparent and one or more growing liquid spraying system arranged to spray growing liquid to the growing chamber. The unit comprises further first local energy production device connected to the spraying system. The present invention further relates to a method for independent aeroponic farming.

IPC 8 full level

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Citation (search report)

- [XYI] WO 2020047008 A1 20200305 - AGRITAINER LLC [US]
- [Y] US 5394647 A 19950307 - BLACKFORD JR JOHN W [US]
- [Y] US 2015196002 A1 20150716 - FRIESTH KEVIN [US]
- See also references of WO 2022074288A1

Designated contracting state (EPC)

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