

Title (en)

ROOTING SUBSTRATE FOR HYDROPONIC, AQUAPONIC OR AEROPONIC PLANT SYSTEMS

Title (de)

VERWURZELUNGSSUBSTRAT FÜR HYDROPONISCHE, AQUAPONISCHE ODER AEROPONISCHE PFLANZSYSTEME

Title (fr)

SUBSTRAT D'ENRACINEMENT POUR DES SYSTÈMES DE PLANTATION HYDROPONIQUES, AQUAPONIQUES OU AÉROPONIQUES

Publication

**EP 3897101 A1 20211027 (DE)**

Application

**EP 19835278 A 20191218**

Priority

- DE 102018132626 A 20181218
- EP 2019086045 W 20191218

Abstract (en)

[origin: WO2020127550A1] A rooting substrate (1) for hydrocultures, in particular hydroponic, aquaponic or aeroponic plant systems, consisting of at least one substrate body (2) having a three-dimensional structure (3) and at least one receiving region (4) for receiving a plant (5) or seedling or a seed, the rooting substrate (1) being produced by means of a generative or additive manufacturing process, in such a way that a three-dimensional structure (3) having a plurality of apertures and/or holes and/or cavities (7) for receiving the roots (6) of a plant is formed, the three-dimensional structure (3) forming an air-permeable structure that enables the roots (6) of a plant to grow through the substrate body (2) and to become anchored in the substrate body (2).

IPC 8 full level

**A01G 24/44** (2018.01); **A01G 9/029** (2018.01); **A01G 24/48** (2018.01); **A01G 31/00** (2018.01)

CPC (source: EP)

**A01G 9/0299** (2018.01); **A01G 24/44** (2018.01); **A01G 24/48** (2018.01); **A01G 31/00** (2013.01); **Y02P 60/21** (2015.11)

Citation (search report)

See references of WO 2020127550A1

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

DOCDB simple family (publication)

**DE 102018132626 A1 20200618**; **DE 102018132626 B4 20220317**; EP 3897101 A1 20211027; WO 2020127550 A1 20200625

DOCDB simple family (application)

**DE 102018132626 A 20181218**; EP 19835278 A 20191218; EP 2019086045 W 20191218