

Title (en)

SELF-CONTAINED DEVICE FOR HEATING PLANTS

Title (de)

AUTONOME VORRICHTUNG FÜR HEIZUNGSANLAGEN

Title (fr)

DISPOSITIF AUTONOME DE CHAUFFAGE POUR VEGETAUX

Publication

EP 4188073 A1 20230607 (FR)

Application

EP 21752671 A 20210729

Priority

- FR 2008214 A 20200731
- EP 2021071318 W 20210729

Abstract (en)

[origin: WO2022023489A1] Said device (1) comprises a radiation and/or convection heater element (3), a main housing (5) incorporating an electronic control system and a battery configured to power the electronic control system, an upper housing (8) comprising a photovoltaic panel for charging the battery, the device (1) further comprising a removable stake (7) removably attached to the main housing (5) and suitable for securing the device (1) in the soil.

IPC 8 full level

A01G 13/06 (2006.01); **A01G 17/02** (2006.01); **F21V 21/08** (2006.01)

CPC (source: EP US)

A01G 13/06 (2013.01 - EP US); **A01G 17/02** (2013.01 - EP); **Y02P 60/12** (2015.11 - EP)

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 2022023489 A1 20220203; CN 116322308 A 20230623; EP 4188073 A1 20230607; FR 3112919 A1 20220204; FR 3112919 B1 20230331; US 2024245012 A1 20240725

DOCDB simple family (application)

EP 2021071318 W 20210729; CN 202180052345 A 20210729; EP 21752671 A 20210729; FR 2008214 A 20200731; US 202118040093 A 20210729