

Title (en)
ELECTRIC HEATING DEVICE WITH ELECTRODE HOUSING STATION

Title (de)
ELEKTRISCHE HEIZVORRICHTUNG MIT ELEKTRODENGHÄUSESTATION

Title (fr)
DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE AVEC STATION D'ACCUEIL DES ÉLECTRODES

Publication
EP 3728962 A1 20201028 (FR)

Application
EP 18839826 A 20181213

Priority
• FR 1762533 A 20171219
• FR 2018053250 W 20181213

Abstract (en)
[origin: WO2019122616A1] Heating device 1 for an air conditioning unit, the said heating device 1 comprising a heating body 2 powered with current via a distribution unit 3 to heat a flow of air passing through the said heating body 2, the heating body 2 comprising an alignment of tubes 4 in which there are: – heating elements 8 through which the said current passes; – electrodes 9 situated on each side of the heating elements 8 in order to supply them with electrical current. This heating device 1 is characterised in that the distribution units 3 comprises an electrode housing station 6 housing the electrodes 9, the said housing station 6 having a plurality of housings 17 to house the electrodes 9 and in which there are means for mechanically and electrically connecting the electrodes 9 to the distribution unit 3.

IPC 8 full level
F24H 3/04 (2006.01)

CPC (source: EP US)
F24H 3/0429 (2013.01 - EP); **F24H 3/0441** (2013.01 - EP US); **F24H 9/0063** (2013.01 - US); **F24H 9/1863** (2013.01 - US); **F24H 2250/10** (2013.01 - US); **H05B 2203/02** (2013.01 - EP); **H05B 2203/023** (2013.01 - EP)

Citation (search report)
See references of WO 2019122616A1

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)
FR 3075554 A1 20190621; **FR 3075554 B1 20220520**; CN 111742183 A 20201002; CN 111742183 B 20220517; EP 3728962 A1 20201028; EP 3728962 B1 20230816; JP 2021507197 A 20210222; JP 6999815 B2 20220210; US 2020309410 A1 20201001; WO 2019122616 A1 20190627

DOCDB simple family (application)
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