

Title (en)
FLUID HEATING DEVICE

Title (de)
HEIZVORRICHTUNG FÜR FLUIDE

Title (fr)
DISPOSITIF DE CHAUFFAGE DE FLUIDE

Publication
EP 4271128 A1 20231101 (EN)

Application
EP 23167523 A 20230412

Priority
IT 202200008582 A 20220429

Abstract (en)
The present invention is relative to a fluid heating device, suitable for heating at least one fluid circulating inside a heating structure, comprising at least one enclosure (10) made of a conductive material, inside which at least one resistive element is inserted, having respective terminals connected to relative electrical conductors connected to a power electronic circuit, the power electronic circuit is provided with at least one power switch (3), which is connected in turn, to at least one resistive element and to the power circuit; the electrical conductors emerge from said enclosure (10) passing through a fitting (1), which is placed coaxially with respect to the enclosure (10) and which is made of thermally conductive material; the power switch (3), made internally to said fitting (1), comprises a power dissipating element or diffuser (2), fixed and interposed between the power switch (3) and at least a portion of the inner walls (13) of the fitting (1) or the enclosure or pipe (10)

IPC 8 full level
H05B 1/02 (2006.01); **F24H 1/10** (2022.01); **F24H 3/00** (2022.01); **F24H 9/1818** (2022.01); **F24H 9/20** (2022.01)

CPC (source: EP)
F24H 9/1818 (2013.01); **H05B 1/0283** (2013.01); **H05B 3/06** (2013.01); **F24H 1/102** (2013.01); **F28D 2021/0036** (2013.01); **H05B 2203/014** (2013.01); **H05B 2203/021** (2013.01)

Citation (search report)

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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4271128 A1 20231101; IT 202200008582 A1 20231029

DOCDB simple family (application)
EP 23167523 A 20230412; IT 202200008582 A 20220429