

Title (en)

Method for guiding a heating agent and flat heater

Title (de)

Plattenheizkörper und Verfahren zum Leiten eines Heizmittels

Title (fr)

Radiateur à panneaux et procédé de conduite d'un produit de chauffage

Publication

EP 2428748 A3 20150805 (DE)

Application

EP 11175370 A 20110726

Priority

DE 102010037526 A 20100914

Abstract (en)

[origin: EP2428748A2] The panel radiator (1) has a front plate (2) in which lower collecting channel (13) and upper collecting duct (14) are formed between collecting ducts heating channels (15), with an inlet port (47) on an underside (27). The heating unit is passed from underside to a top side (5) of the heater. A control valve at the top face (5) is provided to control flow rate of the heating unit from front plate into a rear plate (4) of radiator, so as to guide heating unit into front plate. An independent claim is included for method for passing heating medium through panel radiator.

IPC 8 full level

F24D 19/00 (2006.01)

CPC (source: EP US)

F24D 19/0009 (2013.01 - EP); **F24D 19/0024** (2013.01 - EP); **F24D 19/0036** (2013.01 - EP); **F24D 19/0048** (2013.01 - EP); **F24D 19/0073** (2013.01 - EP); **F24D 19/1018** (2013.01 - EP US); **F24D 19/0019** (2013.01 - EP); **F24D 19/085** (2013.01 - EP); **F24D 2220/2054** (2013.01 - EP)

Citation (search report)

- [Y] DE 202007010726 U1 20070927 - KERMI GMBH [DE]
- [A] DE 102007036141 A1 20090205 - KERMI GMBH [DE]
- [A] BE 1014939 A5 20040706 - NAMUR ROGER [BE]
- [Y] DE 102007020628 A1 20081106 - BERG HANS GMBH & CO KG [DE]
- [A] DE 19709534 A1 19980924 - OVENTROP SOHN KG F W [DE]
- [A] EP 1965148 A1 20080903 - MARCKE LOGISTICS N V VAN [BE]

Cited by

EP3628935A1; EP3109561A1; WO2023083395A1

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)

EP 2428748 A2 20120314; **EP 2428748 A3 20150805**; **EP 2428748 B1 20170308**; DE 102010037526 A1 20120315

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