Title (en)

RADIATOR THAT CAN BE OPERATED UNDER PARTIAL LOAD

Title (de)

HEIZKÖRPER MIT TEILLASTFUNKTION

Title (fr)

RADIATEUR POURVU D'UNE FONCTION DE CHARGE PARTIELLE

Publication

EP 2171366 A1 20100407 (DE)

Application

EP 08735238 A 20080409

Priority

- EP 2008002966 W 20080409
- DE 202007010726 U 20070731

Abstract (en)

[origin: WO2009015709A1] The invention relates to a multiple-row radiator, in particular a flat radiator comprising an inlet and return connection, a first heating plate (11) that is flown through and faces the space to be heated, at least another plate (21) which likewise is flown through and is preferably arranged downstream thereof, and connection fittings (a, b) being provided between the heating plates (11, 21) at each upper lateral end section and connection fittings (c, d) at the lower lateral end sections. According to the invention, one of the lower connection fittings (c, d) guides the feed V of the heating medium from the heating network to the heating plate (11) facing the space to be heated and the return R of the heating medium from (a) plate(s) (21) arranged downstream thereof to the heating network, wherein the respective oppositely arranged lower connection fitting (d, c) comprises a valve housing (13) and a valve (13') arranged therein, by means of which the overflow between the heating plates (11, 21) can be regulated, the connection fittings (a, b) disposed at each upper lateral end section consisting of T-pieces, where the flow direction towards the front heating plate (11) is closed.

IPC 8 full level

F24H 9/12 (2006.01)

CPC (source: EP)

F24D 19/0002 (2013.01); **F24D 19/0034** (2013.01); **F24D 19/0053** (2013.01); **F24D 19/0073** (2013.01)

Citation (search report)

See references of WO 2009015709A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007010726 U1 20070927; CN 101688688 A 20100331; EP 2171366 A1 20100407; RU 2010107377 A 20110910; RU 2455580 C2 20120710; WO 2009015709 A1 20090205

DOCDB simple family (application)

DE 202007010726 U 20070731; CN 200880023770 A 20080409; EP 08735238 A 20080409; EP 2008002966 W 20080409; RU 2010107377 A 20080409