

Title (en)  
RADIATOR HAVING PART-LOAD OPERATION

Title (de)  
HEIZKÖRPER MIT TEILLASTFUNKTION

Title (fr)  
RADIATEUR À FONCTION À CHARGE PARTIELLE

Publication  
**EP 2201308 A1 20100630 (DE)**

Application  
**EP 08748911 A 20080409**

Priority  
• EP 2008002962 W 20080409  
• DE 202007015143 U 20071026

Abstract (en)  
[origin: WO2009052873A1] Multi-row radiator, in particular a flat radiator or heating wall (10), comprising a feed connection (V) and a return connection (R); a first radiator panel (11) through which a heating medium flows and which preferably faces the room to be heated; at least one further panel (21) through which heating medium flows and which is preferably arranged behind the first panel (11); and, between the heating panels (11, 21), connection fittings (a, b) in the form of T-pieces arranged on each upper lateral end section, and connection fittings (c, d) in the form of T-pieces arranged on the lower lateral end sections, wherein the connection fittings (a, c) or (b, d) are connected to one another via a riser pipe (e) for the purpose of guiding the heating medium from the front heating panel (11) into the rear heating panel or panels (21), and wherein, in the case of the connection fittings each situated opposite the riser pipe (e), the directions of flow towards the rear heating panel or panels (21) are shut off, and the respective lower connection fittings are coupled to the riser pipe (e) separate the heating medium which exits from the rear panel (21) into the return connection (R) from the heating medium which is to be passed onwards from the front panel (11) into the rear panel (21) via the riser pipe (e).

IPC 8 full level  
**F24D 19/00** (2006.01)

CPC (source: EP)  
**F24D 19/0002** (2013.01); **F24D 19/0073** (2013.01)

Citation (search report)  
See references of WO 2009052873A1

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 202007015143 U1 20071227**; CN 101796351 A 20100804; EP 2201308 A1 20100630; EP 2201308 B1 20160824; PL 2201308 T3 20170228; RU 2010120797 A 20111210; RU 2455581 C2 20120710; WO 2009052873 A1 20090430

DOCDB simple family (application)  
**DE 202007015143 U 20071026**; CN 200880105555 A 20080409; EP 08748911 A 20080409; EP 2008002962 W 20080409; PL 08748911 T 20080409; RU 2010120797 A 20080409