

Title (en)  
Radiator

Title (de)  
Heizkörper

Title (fr)  
Radiateur

Publication  
**EP 1691156 A3 20080521 (DE)**

Application  
**EP 06090013 A 20060126**

Priority  
DE 102005007182 A 20050214

Abstract (en)  
[origin: DE102005007182B3] The radiator has a vertically running collector tubes (2, 3) arranged to connect to an outward line (V) and a return line (R) of a central heating system. The heating tubes run horizontally, and are arranged in blocks. The heating tubes (5n) in the blocks are connected to at least one of the two collector tubes at their opposite end by a further collector tube (4n).

IPC 8 full level  
**F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)  
**F28D 1/05325** (2013.01); **F28F 9/0214** (2013.01); **F28F 9/262** (2013.01); **F28D 2021/0036** (2013.01); **F28F 2009/0297** (2013.01)

Citation (search report)

- [XY] DE 29519417 U1 19960605 - VOGEL & NOOT WAERMETECHNIK AG [AT]
- [DY] DE 8906829 U1 19890713
- [A] EP 0962711 A1 19991208 - ARBONIA AG [CH]
- [A] EP 0918202 A1 19990526 - ARBONIA AG [CH]
- [A] DE 10039405 A1 20010322 - VOGEL & NOOT WAERMETECHNIK AG [AT]
- [A] BE 1009789 A6 19970805 - DECORAD BVBA [BE]
- [DA] DE 4409767 A1 19950928 - RUNTAL HOLDING CO SA [CH]
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CN104456713A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**DE 102005007182 B3 20060406**; EP 1691156 A2 20060816; EP 1691156 A3 20080521

DOCDB simple family (application)  
**DE 102005007182 A 20050214**; EP 06090013 A 20060126