

Title (en)  
Radiator with radiating plate having high efficiency

Title (de)  
Heizung mit hoch wirksamer Heizplatte

Title (fr)  
Radiateur avec plaque de rayonnement disposant d'une haute efficacité

Publication  
**EP 2045554 A2 20090408 (EN)**

Application  
**EP 08165160 A 20080925**

Priority  
IT MI20071883 A 20071002

Abstract (en)  
The radiator (1) with radiating plate (2) having high efficiency comprises a plate (2) that bears at least one manifold (3, 18) where to is fastened at least one tube (4) for conveying a heat-carrying fluid. The plate (2) presents at least one groove (6) in which is inserted the tube (4). The tube (4) and the groove (6) present at least one coil portion (11) defined by a plurality of first segments (12) substantially parallel to each other and able to assume a substantially horizontal position when the radiator (1) is installed, and second segments (13) interposed between said first segments (12).

IPC 8 full level  
**F28D 1/047** (2006.01); **F28F 1/22** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP US)  
**F28D 1/0477** (2013.01 - EP US); **F28F 1/22** (2013.01 - EP US); **F28D 2001/0293** (2013.01 - EP US); **F28F 9/0253** (2013.01 - EP US); **F28F 2275/025** (2013.01 - EP US); **F28F 2275/12** (2013.01 - EP US)

Cited by  
PL423370A1; CN106705306A; ITUD20090178A1

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Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2045554 A2 20090408**; **EP 2045554 A3 20121107**; CA 2640009 A1 20090402; IT MI20071883 A1 20090403; RU 2008139156 A 20100510; US 2009084533 A1 20090402

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