

Title (en)  
Modular electric radiator

Title (de)  
Modularer Elektrischer Heizkörper

Title (fr)  
Radiateur électrique modulaire

Publication  
**EP 1574803 A3 20060906 (EN)**

Application  
**EP 05380034 A 20050224**

Priority  
• ES 200400472 A 20040227  
• ES 200500128 A 20050124

Abstract (en)  
[origin: EP1574803A2] It comprises at least two profiles (1, 1'), preferably of aluminium, provided with parallel heat dissipating fins (2, 2', 2''), which are assembled to each other by means of engagement (3). The profiles (1, 1') have at least one housing (5) defined between the heat dissipating fins (2, 2', 2'') for insertion of at least one electric heating plate (4, 4'). The heating plates (4, 4') comprise means of heating mounted inside an external enclosure (11, 11') which consists of an elastically compressible closed symmetrical profile of slightly greater width than the width of the housing (5) for the press-fitting thereof in said housing (5).

IPC 8 full level  
**F28F 9/26** (2006.01); **F24H 3/00** (2006.01); **F24H 7/06** (2006.01); **F24H 9/18** (2006.01); **H05B 3/58** (2006.01)

CPC (source: EP)  
**F24H 3/002** (2013.01); **H05B 3/58** (2013.01)

Citation (search report)  
• [X] US 6205290 B1 20010320 - HUNG CHIN-PING [TW], et al  
• [A] GB 1519036 A 19780726 - PROMOTHERMO VERWARMINGSTOEPPASS  
• [A] US 2170176 A 19390822 - WIEGAND EDWIN L  
• [A] US 2646972 A 19530728 - SCHMID EDWARD C  
• [A] US 3031171 A 19620424 - MARTIN BUTTNER CARL

Cited by  
EP2306114A1; EP2351974A4; EP2778558A1; FR2907537A1; EP1847786A1; GB2431224B; FR2950680A1; EP1847785A1; ES2378791A1; EP2600689A1; EP2600076A1; WO2013156009A1; WO2007042514A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1574803 A2 20050914; EP 1574803 A3 20060906; EP 1574803 B1 20091223**; AT E453095 T1 20100115; DE 602005018408 D1 20100204; ES 2338575 T3 20100510

DOCDB simple family (application)  
**EP 05380034 A 20050224**; AT 05380034 T 20050224; DE 602005018408 T 20050224; ES 05380034 T 20050224