

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

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