

Title (en)
Heater device for household appliances

Title (de)
Heizreinrichtung für ein Haushaltsgerät

Title (fr)
Dispositif de chauffage pour appareil électroménager

Publication
EP 1170980 A1 20020109 (DE)

Application
EP 01112319 A 20010519

Priority
DE 10025539 A 20000523

Abstract (en)
[origin: DE10025539A1] Heating device comprises a ceramic-filled polymer layer (3) arranged between a surface (2) of the appliance to be heated and an electrically conducting heating foil (1). Preferred Features: The heating foil is covered on the side facing away from the polymer layer by an insulating molded body. The polymer layer has a thickness of 70-150 microns and the heating foil is an iron-chromium-aluminum alloy. The insulating molded body is made from vermiculite.

Abstract (de)
Bei einer Heizeinrichtung für ein Haushaltsgerät ist zwischen einer zu beheizenden Fläche 2 des Geräts und einer elektrisch leitenden Heizfolie 1 als elektrische Isolation eine keramikgefüllte Polymerschicht 3 angeordnet.

IPC 1-7
H05B 3/20; B29C 45/14; B41M 5/26

IPC 8 full level
A47L 15/42 (2006.01); **D06F 39/04** (2006.01); **H05B 3/26** (2006.01)

CPC (source: EP US)
A47L 15/4285 (2013.01 - EP); **D06F 39/04** (2013.01 - EP US); **H05B 3/265** (2013.01 - EP); **H05B 3/267** (2013.01 - EP)

Citation (search report)
• [A] EP 0117407 A2 19840905 - IBM [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19 5 June 2001 (2001-06-05)
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 336 (M - 1435) 25 June 1993 (1993-06-25)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
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