

Title (en)
ELECTRIC COOKING PLATE WITH A TEMPERATURE SWITCH

Publication
EP 0045007 B1 19840516 (DE)

Application
EP 81105537 A 19810715

Priority
DE 3027998 A 19800724

Abstract (en)
[origin: ES259627U] An electric hot plate has an overheating safety switch having a steatite housing which is inserted into the lower sheet cover plate of the hot plate and is supported with two feet on the lower side of the heating elements of the hot plate. A bimetallic member is positioned parallel between these feet which acts on a snap switch positioned in the steatite housing via a transmission rod. The transmission rod is continuously pressed against the snap switch by a plate spring and a guide on the snap switch. As a result of this, it is fixed precisely in its position. The overheating safety switch simultaneously forms the lead-through passages for the electric hot plate connections.

IPC 1-7
F24C 15/10; **H01H 37/34**

IPC 8 full level
F24C 15/10 (2006.01); **H01H 37/34** (2006.01); **A47J 37/06** (2006.01)

CPC (source: EP US)
F24C 15/105 (2013.01 - EP US); **H01H 37/34** (2013.01 - EP US)

Citation (examination)
• DE 2620004 A1 19780119 - FISCHER KARL
• DE 1615258 A1 19700723 - FISCHER KARL
• DE 1123059 B 19620201 - FISCHER KARL

Cited by
DE4004308A1; EP4151908A1

Designated contracting state (EPC)
AT DE FR SE

DOCDB simple family (publication)
EP 0045007 A1 19820203; **EP 0045007 B1 19840516**; AT E7534 T1 19840615; AU 546489 B2 19850905; AU 7305381 A 19820128; CA 1173883 A 19840904; CH 654708 A5 19860228; DE 3027998 A1 19820225; DE 3163635 D1 19840620; DK 325881 A 19820125; ES 259627 U 19820316; FI 69739 B 19851129; FI 69739 C 19860310; FI 812309 L 19820125; FR 2487622 A1 19820129; FR 2487622 B3 19821001; GB 2081514 A 19820217; GB 2081514 B 19840926; GR 82313 B 19841213; HK 49385 A 19850705; IT 1137757 B 19860910; IT 8123100 A0 19810723; JP S5752427 A 19820327; JP S5935613 B2 19840829; NO 153670 B 19860120; NO 153670 C 19860430; NO 812515 L 19820125; PH 17356 A 19840801; PT 73409 A 19810801; PT 73409 B 19820825; US 4386263 A 19830531; YU 181981 A 19831231; YU 40405 B 19851231; ZA 815007 B 19820728

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