

Title (en)
Electric resistance heating element.

Title (de)
Widerstandsheizelement.

Title (fr)
Élément de chauffage électrique.

Publication
EP 0135704 A1 19850403 (DE)

Application
EP 84108800 A 19840725

Priority
DE 3328078 A 19830803

Abstract (en)
[origin: US4553126A] Resistance heating element, with a heat conductor led in meander pattern, which is fastened in the zone of the meander arches in bearing elements, characterized in that between the bearing elements there is arranged a heating conductor of at least one one-piece sheet metal stamped part strip (4) with bearing pins (25) and slide pins (27).

Abstract (de)
Widerstandsheizelement, mit einem mäanderförmig geführten Heizleiter, der im Bereich der Mäanderbögen in Lagerelementen befestigt ist, dadurch gekennzeichnet, dass zwischen den Lagerelementen ein Heizleiter aus mindestens einem einstückigen Blechstanzteilstreifen (4) mit Lagerzapfen (25) und Gleitzapfen (27) angeordnet ist.

IPC 1-7
H05B 3/02; F02M 31/12

IPC 8 full level
H05B 3/06 (2006.01); **H05B 3/24** (2006.01)

CPC (source: EP US)
H05B 3/24 (2013.01 - EP US)

Citation (search report)
• US 1923644 A 19330822 - SIMPSON GEORGE L
• DE 650676 C 19370929 - BBC BROWN BOVERI & CIE
• AT 354579 B 19790110 - LUEDER HOLGER DR [CH]
• EP 0101560 A2 19840229 - TECHNAR INC [US]
• DE 2703293 A1 19780706 - PETZ ELEKTRO WAERME TECHN

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WO2021224109A1

Designated contracting state (EPC)
CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0135704 A1 19850403; **EP 0135704 B1 19881109**; DE 3328078 A1 19850221; DE 3328078 C2 19890216; DE 8322435 U1 19850530; JP S6059690 A 19850406; US 4553126 A 19851112

DOCDB simple family (application)
EP 84108800 A 19840725; DE 3328078 A 19830803; DE 8322435 U 19830803; JP 16416484 A 19840803; US 63341384 A 19840723