

Title (en)

FLAT HEATING ELEMENT WITH ELECTRICAL RESISTANCE, AND ARTICLE EQUIPPED WITH SUCH AN ELEMENT

Publication

EP 0202969 B1 19901024 (FR)

Application

EP 86400774 A 19860411

Priority

FR 8505963 A 19850419

Abstract (en)

[origin: US4860434A] The flat electrical resistance heating element is intended principally for a household article having a heating surface. The heating element comprises a heating resistance cut out from a metal sheet (1) which is coated with a substrate (2) of electrically insulating material resistant to the heating temperature and adherent to the metal sheet (1) and to the material of which the support (5) of the heating surface of the article is made. Use principally in base-heated kitchen utensils and irons.

IPC 1-7

H05B 3/30

IPC 8 full level

D06F 75/24 (2006.01); **H05B 3/20** (2006.01); **H05B 3/30** (2006.01)

CPC (source: EP US)

D06F 75/24 (2013.01 - EP US); **H05B 3/30** (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US); **Y10T 156/1038** (2015.01 - EP US); **Y10T 428/2911** (2015.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/2962** (2015.01 - EP US)

Cited by

DE4137250A1; FR2641930A1; EP0380896A1; US4995177A; DE4137251A1; EP0276644A1; EP0555159A1; FR2686761A1; EP0331565A1; FR2628283A1; AU709558B3; DE3911761A1; BE1000397A4; WO8804874A1; WO8908372A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4860434 A 19890829; AT E57811 T1 19901115; CA 1271215 A 19900703; DE 3675072 D1 19901129; EP 0202969 A1 19861126; EP 0202969 B1 19901024; ES 554137 A0 19871101; ES 8800563 A1 19871101; FR 2580887 A1 19861024; FR 2580887 B1 19890414; JP S61292876 A 19861223

DOCDB simple family (application)

US 17790588 A 19880407; AT 86400774 T 19860411; CA 507056 A 19860418; DE 3675072 T 19860411; EP 86400774 A 19860411; ES 554137 A 19860418; FR 8505963 A 19850419; JP 8983686 A 19860418