

Title (en)

Heating conductor for radiat heater used in cooking hob

Title (de)

Heizleiter für Strahlungsheizkörper eines Kochfeldes

Title (fr)

Conducteurs chauffants pour corps de chauffe rayonnant dans plaque de cuisson

Publication

EP 0892583 A3 19990623 (DE)

Application

EP 98113055 A 19980714

Priority

- DE 19730192 A 19970715
- DE 19737194 A 19970827
- US 8989698 A 19980603

Abstract (en)

[origin: EP0892583A2] The heating conductor consists of heating elements (2) of a cut out geometric pattern of metal foil. The elements are located between the cooking zone and an insulating base. The elements have holding tabs (1) to affix the heating elements in holders (5) of the heating body or in parts of the insulating base. The holding tabs have integral attachment devices. The heating elements are arranged at different heights or allow the different metal foil to be arranged parallel, orthogonal or at an angle to each other. Different widths of the elements are used to provide a different light-dark pattern on the heating conductor foil which is used to prevent connection sections becoming red hot or to provide patterns or lettering.

IPC 1-7

H05B 3/74; **H05B 3/24**

IPC 8 full level

H05B 3/68 (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

H05B 3/748 (2013.01 - EP US)

Citation (search report)

- [XY] US 4034206 A 19770705 - PENROD GLEN H
- [Y] EP 0355210 A1 19900228 - PHILIPS NV [NL]
- [X] GB 1355693 A 19740605 - EGO VERWALTUNGS GMBH
- [X] FR 2111556 A5 19720602 - LICENTIA GMBH

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0892583 A2 19990120; **EP 0892583 A3 19990623**; CZ 169298 A3 19990217; PL 326832 A1 19990118; US 6051817 A 20000418

DOCDB simple family (application)

EP 98113055 A 19980714; CZ 169298 A 19980601; PL 32683298 A 19980616; US 8989698 A 19980603