

Title (en)

Radiant electric heater being placed under a cooking plate, particularly glass-ceramic plate

Title (de)

Strahlungsheizkörper zur Anordnung unter einem Kochfeld, insbesondere einer Glaskeramikplatte

Title (fr)

Corps de chauffe à rayonnement destiné à être placé sous une plaque de cuisson, en particulier une plaque vitro-céramique

Publication

EP 1187512 A3 20021218 (DE)

Application

EP 01121344 A 20010906

Priority

DE 20015496 U 20000907

Abstract (en)

[origin: US2002121510A1] According to an exemplary embodiment of the invention a radiant heater (11) for a glass ceramic cooking area (25) is created. The radiant heater comprises a carrier shell (12) carrying a flat insulator (14), on which is placed a heating means (16). A thermal relay (18) projects with its tube-like sensor (19) into the central area of the radiant heater (11) and the sensor can rest on an elevation (23) of the insulator (14). By means of a holder (45) the sensor (19) can be fixed to the carrier shell (12). The holder does not project over the underside of the carrier shell (12). In one embodiment the holder with barb-like ends reaches into an opening in the carrier shell and is fixed to locking edges of the carrier shell.

IPC 1-7

H05B 3/74

IPC 8 full level

H05B 3/74 (2006.01)

CPC (source: EP US)

H05B 3/74 (2013.01 - EP US); **H05B 3/746** (2013.01 - EP US); **H05B 3/748** (2013.01 - EP US)

Citation (search report)

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GB2372190B

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)

US 2002121510 A1 20020905; US 6483084 B2 20021119; AT E282287 T1 20041115; EP 1187512 A2 20020313; EP 1187512 A3 20021218; EP 1187512 B1 20041110; ES 2231366 T3 20050516; SI 1187512 T1 20050430

DOCDB simple family (application)

US 94936901 A 20010907; AT 01121344 T 20010906; EP 01121344 A 20010906; ES 01121344 T 20010906; SI 200130291 T 20010906