

Title (en)

ELECTRICAL RADIANT HEATING ELEMENT FOR HEATING HOT PLATES, AND PROCESS AND DEVICE FOR ITS MANUFACTURE

Publication

**EP 0210575 B1 19920212 (DE)**

Application

**EP 86110033 A 19860722**

Priority

DE 3527413 A 19850731

Abstract (en)

[origin: ES2000793A6] An electric radiant heater (11) for heating a glass ceramic cooking surface (12) contains a dish-shaped insulator (14), to whose inner bottom surface (18) are fixed heater coils (20). The heater coils have an oval cross-section and are pressed by their narrow sides into surface (18) and fixed. The fixing pressing in takes place during the moulding of the moist insulator (14), made from fibrous material and by means of a male mould receiving the heater coils in slots.

IPC 1-7

**H05B 3/68**; **H05B 3/74**

IPC 8 full level

**H05B 3/10** (2006.01); **H05B 3/68** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

**H05B 3/688** (2013.01 - EP US); **H05B 3/748** (2013.01 - EP US)

Cited by

EP0625865A3; US5477605A

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0210575 A1 19870204**; **EP 0210575 B1 19920212**; AT E72615 T1 19920215; AU 600906 B2 19900830; AU 6009186 A 19870205; DE 3527413 A1 19870212; DE 3683881 D1 19920326; ES 2000793 A6 19880316; JP S6235487 A 19870216; US 4789773 A 19881206; YU 133986 A 19880430; ZA 865596 B 19870325

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**EP 86110033 A 19860722**; AT 86110033 T 19860722; AU 6009186 A 19860711; DE 3527413 A 19850731; DE 3683881 T 19860722; ES 8600716 A 19860730; JP 17684686 A 19860729; US 88725586 A 19860718; YU 133986 A 19860720; ZA 865596 A 19860728