

Title (en)
ELECTRICAL COOKING PLATE AND DEVICE FOR ITS CONNECTION

Publication
EP 0224098 B1 19900711 (DE)

Application
EP 86115498 A 19861108

Priority
DE 3540816 A 19851116

Abstract (en)
[origin: US4818846A] The present invention relates to an apparatus for connecting appliance lines to cooking plates, hobs or hotplates. Our of the bottom of the electric hotplate, connecting pins (19b) extend for connection to connecting members (33) of a connecting piece (31) that is part of the appliance line. From a passage through an insulating member (20b) in the bottom of the hotplate, the connecting pins (19b) project outwards towards the circumference of the hotplate body (2b). In a transportation mode the pins can be resiliently and completely countersunk in the underside of the hotplate. In the vicinity of the front end of the connecting members (33) of the appliance plug, the connecting piece (31) of the plug has a threading and guidance apparatus for the connecting pins (19b) that does not project beyond the outer circumference of hotplate body (2b), thereby ensuring an automatic, positionally correct connection between the connecting piece (31) and connecting pins (19b).

IPC 1-7
H05B 3/68; **H05B 3/70**

IPC 8 full level
H05B 3/02 (2006.01); **H05B 3/68** (2006.01); **H05B 3/70** (2006.01)

CPC (source: EP US)
H05B 3/68 (2013.01 - EP US); **H05B 3/70** (2013.01 - EP US); **H05B 2203/016** (2013.01 - EP US)

Cited by
EP4008964A1; EP0432470A3; EP0307630A1; US4922080A

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0224098 A1 19870603; **EP 0224098 B1 19900711**; AT E54530 T1 19900715; AU 4261389 A 19900201; AU 622715 B2 19920416; AU 6514186 A 19870521; DE 3540816 A1 19870521; DE 3672571 D1 19900816; ES 2016243 B3 19901101; JP S62123684 A 19870604; US 4818846 A 19890404; YU 193086 A 19880430; ZA 868608 B 19870624

DOCDB simple family (application)
EP 86115498 A 19861108; AT 86115498 T 19861108; AU 4261389 A 19891006; AU 6514186 A 19861114; DE 3540816 A 19851116; DE 3672571 T 19861108; ES 86115498 T 19861108; JP 27090986 A 19861115; US 93049186 A 19861112; YU 193086 A 19861113; ZA 868608 A 19861113