

Title (en)

Use of an electric cooking plate in an electric range and electric range

Title (de)

Verwendung einer Elektrokochplatte in einem Elektroherd und Elektroherd

Title (fr)

Utilisation d'une plaque de cuisson électrique dans une cuisinière électrique et cuisinière électrique

Publication

EP 0957661 B2 20141015 (DE)

Application

EP 99106973 A 19990409

Priority

DE 19821140 A 19980512

Abstract (en)

[origin: EP0957661A2] A connector (31) has plug connection flag (35) with connection section to fix to a connecting lead (16) fed from the underside of the plate for energy supply to the plate. The cooking plate (11) has a connector (31) connected to the insulation piece (26) with a plug connection flag (35) in a slot (34) slightly bent away from a contact section (36). A welded flag (37) connects to a connecting lead (16) fed out from the underside of the cooking plate for energy supply. Neither connector nor flag protrude beyond an insert flange (17) of the plate, which is set into a slot in the cooker panel. Notches (32) are provided to attach the connector (31) to the plate or to a covering plate (21). The connector flag is connected by welding to the connecting lead. Coding notches on the connector or plug housing prevent twisting or mix up.

IPC 8 full level

H05B 3/68 (2006.01); **H05B 3/06** (2006.01); **H05B 3/08** (2006.01)

CPC (source: EP)

H05B 3/06 (2013.01); **H05B 3/08** (2013.01); **H05B 3/68** (2013.01); **H05B 2203/016** (2013.01)

Citation (opposition)

Opponent :

- US 5122639 A 19920616 - KICHERER ROBERT [DE], et al
- US 4376565 A 19830315 - BIRD PHILIP S, et al
- US 5166995 A 19921124 - BRIGGS ROBERT C [US], et al
- US 4871902 A 19891003 - KICHERER ROBERT [DE]
- US 4650969 A 19870317 - KICHERER ROBERT [DE], et al

Cited by

WO2018001507A1; EP1653157A1; EP1978598A3; EP3428540A1; DE102007017456A1; EP1978598A2

Designated contracting state (EPC)

DE DK ES FI FR GB GR IT SE

Designated extension state (EPC)

SI

DOCDB simple family (publication)

EP 0957661 A2 19991117; **EP 0957661 A3 20000906**; **EP 0957661 B1 20040630**; **EP 0957661 B2 20141015**; DE 19821140 A1 19991118; DE 19821140 B4 20090827; DE 29924784 U1 20050811; DE 59909836 D1 20040805; ES 2224481 T3 20050301; ES 2224481 T5 20150107; HK 1023683 A1 20000915; SI 0957661 T1 20041231; SI 0957661 T2 20150130; TR 199901031 A2 19991221; TR 199901031 A3 19991221

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EP 99106973 A 19990409; DE 19821140 A 19980512; DE 29924784 U 19990409; DE 59909836 T 19990409; ES 99106973 T 19990409; HK 00102813 A 20000510; SI 9930664 T 19990409; TR 9901031 A 19990511