

Title (en)

USE OF A SAFETY DEVICE IN AN ELECTRIC COOKING HOB

Title (de)

VERWENDUNG EINER SICHERHEITSVORRICHTUNG BEI EINEM ELEKTROKOCHGERÄT

Title (fr)

UTILISATION D'UN DISPOSITIF DE SÉCURITÉ DANS UNE PLAQUE DE CUISSON ÉLECTRIQUE

Publication

EP 2505923 B1 20190904 (DE)

Application

EP 12161722 A 20120328

Priority

DE 102011001586 A 20110328

Abstract (en)

[origin: EP2505923A1] The safety device (49) has a sensor (21) with temperature detecting unit (24), which is electrically coupled with an electric cooking appliance (1) and control unit (3). The sensor is arranged at a distance from a cooking area where the temperature detecting unit focuses the hob (2) for contactlessly detecting temperature at several cooking locations (7-10) of the hob so as to detect the maximum temperature. The electric cooking appliance is switched OFF by the control unit when maximum temperature reaches or exceeds a predetermined value.

IPC 8 full level

F24C 7/08 (2006.01)

CPC (source: EP)

F24C 7/083 (2013.01)

Citation (examination)

- DE 102008041390 A1 20100225 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- DE 19860261 A1 20000706 - AEG HAUSGERAETE GMBH [DE]

Cited by

DE102014203883A1; BE1022208B1; CN109558640A; US11203441B2; US11517146B2; USD927996S; US10450076B2; EP3147000A1; DE102014220273A1; DE102014203883B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2505923 A1 20121003; EP 2505923 B1 20190904; DE 102011001586 A1 20121004; DK 2505923 T3 20191202; ES 2758875 T3 20200506

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EP 12161722 A 20120328; DE 102011001586 A 20110328; DK 12161722 T 20120328; ES 12161722 T 20120328