

Title (en)

Electric safety device for kitchen ranges or cooking plates and a method for operating a kitchen range or a cooking plate

Title (de)

Elektrische Sicherheitsvorrichtung für Küchenherde oder Kochstelle und Verfahren zum Betrieb eines Küchenherde oder einer Kochstelle

Title (fr)

Dispositif électrique de sécurité pour une cuisinière ou une plaque de cuisson et méthode d'opération d'une cuisinière ou d'une plaque de cuisson

Publication

EP 0762059 B1 20010829 (DE)

Application

EP 96109964 A 19960620

Priority

DE 19522300 A 19950620

Abstract (en)

[origin: DE19522300A1] The safety device has sensors (13,15,17,18-21,22) positioned above the oven or hob for detecting smoke and monitoring the temp. The sensor signals are fed to an evaluation stage (24) for operation of an electric cut-out switch or an electromagnetic blocking valve for the oven or hob. The evaluation stage has a resetting input (11) for manual resetting upon disconnection of the energy supply to the oven or hob, with automatic resetting after a defined time interval.

IPC 1-7

F24C 7/08; **H05B 1/02**

IPC 8 full level

F24C 7/08 (2006.01); **F24C 15/20** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP)

A62C 3/006 (2013.01); **F24C 15/2021** (2013.01); **H05B 1/0266** (2013.01)

Cited by

CN104281126A; EP3137817A4; WO0066950A1; EP3440407B1; EP3411631B1; EP3411631B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

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