

Title (en)

A METHOD FOR OPERATING A COOKER, A CONTROL SYSTEM AND A COMPUTER PROGRAM

Title (de)

VERFAHREN ZUM BETREIBEN EINES KOCHERS, STEUERUNGSSYSTEM UND COMPUTERPROGRAMM

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL DE CUISSON, SYSTÈME DE COMMANDE ET PROGRAMME INFORMATIQUE

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EP 3502568 A1 20190626 (EN)

Application

EP 17208662 A 20171219

Priority

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Abstract (en)

A method is provided for operating a cooker to detect overflow events. Overflow sensing elements(22,24,26,28) , for example bimetallic strips (22-28), surround a heating element on a cooking surface (10) of the cooker. The overflow sensing elements each complete an electrical circuit. When an overflow event occurs, for example hot liquid overflowing a vessel which is on the cooker, the overflow sensing element is affected in such a way as to cause a break in the electrical circuit. For example, a heated bimetallic strip curls up. The break in electrical circuit can be detected and cause a safety action to the implement to prevent further overflow events. A cooker and a control system for detecting overflow events in a cooker are also described.

IPC 8 full level

F24C 7/08 (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP)

F24C 7/083 (2013.01); **H05B 6/062** (2013.01)

Citation (applicant)

- CN 202432566 U 20120912 - MIDEA HOLDING CO LTD
- US 2008150705 A1 20080626 - AL-WAKEEL ZIYAD K [CA]

Citation (search report)

- [I] EP 2582205 A1 20130417 - PANASONIC CORP [JP]
- [A] JP 2012181929 A 20120920 - MITSUBISHI ELECTRIC CORP, et al
- [A] JP 2014199818 A 20141023 - PANASONIC CORP

Cited by

CN113924446A; WO2022258339A1; WO2022258341A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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