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

Publication
EP 3502568 A1 20190626 (EN)

Application
EP 17208662 A 20171219

Priority
EP 17208662 A 20171219

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)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3502568 A1 20190626; TR 201722517 A2 20190722

DOCDB simple family (application)
EP 17208662 A 20171219; TR 201722517 A 20171228