

Title (en)

MONITORING DEVICE, COOKER AND MONITORING METHOD

Title (de)

ÜBERWACHUNGSVORRICHTUNG, KOCHER UND ÜBERWACHUNGSVERFAHREN

Title (fr)

DISPOSITIF DE SURVEILLANCE, CUISEUR ET PROCÉDÉ DE SURVEILLANCE

Publication

EP 3431881 B1 20201223 (EN)

Application

EP 17182622 A 20170721

Priority

EP 17182622 A 20170721

Abstract (en)

[origin: EP3431881A1] The present invention provides a monitoring device (106) for monitoring liquid overflow in a cooking vessel on a cooking hob (102, 103, 104, 105) of a cooker (100), the monitoring device (106) comprising a distance sensor (107) that is arranged over the cooking hob (102, 103, 104, 105) and that is configured to measure a content distance between the distance sensor (107) and a content of the cooking vessel, and a control unit (109) that is coupled to the distance sensor (107) and that is configured to compare the measured content distance to a threshold distance (110) and to output a warning signal (111) if the measured content distance is smaller than the threshold distance (110). Further, the present invention provides a cooker (100) and a respective monitoring method.

IPC 8 full level

F24C 3/12 (2006.01); **F24C 5/16** (2006.01); **F24C 7/08** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)

F24C 7/083 (2013.01); **F24C 15/2021** (2013.01)

Cited by

CN110594813A; CN110594809A; CN110579317A; EP4092334A3; CN111578333A; JP2021116973A; WO2022037883A1; WO2022076013A1; WO2022076015A1

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

DOCDB simple family (publication)

EP 3431881 A1 20190123; **EP 3431881 B1 20201223**; TR 201711045 A2 20190221

DOCDB simple family (application)

EP 17182622 A 20170721; TR 201711045 A 20170727