

Title (en)
HOB DEVICE

Title (de)
KOCHFELDVORRICHTUNG

Title (fr)
DISPOSITIF PLAQUE DE CUISSON

Publication
EP 3325888 A1 20180530 (DE)

Application
EP 16732345 A 20160621

Priority
• ES 201531066 A 20150720
• IB 2016053674 W 20160621

Abstract (en)
[origin: WO2017013505A1] The invention relates to a hob device (10a-b) having a hob plate (12a- b), which is provided for placement of at least of one cookware item (14a-b), and having at least one radiation conductor (16a-b), which is provided in order to conduct infrared radiation to at least one infrared-sensor (18a-b) in at least one operating state. The problem addressed by the invention is that of providing a generic device having improved properties with regard to a temperature measurement. This problem is solved in that the radiation conductor (16a-b) has at least one radiation receiving region (20a-b) which extends over a substantial part of the hob plate (12a-b).

IPC 8 full level
F24C 7/08 (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP ES)
F24C 7/083 (2013.01 - EP); **F24C 15/105** (2013.01 - EP); **H05B 6/12** (2013.01 - ES); **H05B 6/1209** (2013.01 - ES)

Citation (search report)
See references of WO 2017013505A1

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)
WO 2017013505 A1 20170126; EP 3325888 A1 20180530; EP 3325888 B1 20230809; ES 2597752 A1 20170120; ES 2597752 B1 20171025

DOCDB simple family (application)
IB 2016053674 W 20160621; EP 16732345 A 20160621; ES 201531066 A 20150720