

Title (en)

INDUCTION COOKER, METHOD FOR OPERATING AN INDUCTION COOKER AND CONTROLLER FOR AN INDUCTION COOKER

Title (de)

INDUKTIONSSHERD, VERFAHREN ZUM BETRIEB EINES INDUKTIONSSHERDES UND STEUERGERÄT FÜR EINEN INDUKTIONSSHERD

Title (fr)

APPAREIL DE CUISSON À INDUCTION, PROCÉDÉ POUR FAIRE FONCTIONNER UN APPAREIL DE CUISSON À INDUCTION ET ORGANE DE COMMANDE POUR UN APPAREIL DE CUISSON À INDUCTION

Publication

EP 3490338 A1 20190529 (EN)

Application

EP 17203147 A 20171122

Priority

EP 17203147 A 20171122

Abstract (en)

There is provided an induction cooker (5), a controller (70) and a method for controlling the induction cooker (5). The induction cooker (5) has an induction cooking coil (10, 15, 20, 25) mounted upon and movable by a mechanical system (75, 80, 85, 90) within a predetermined region beneath a cooking surface (30) of the cooker (5). The cooker (5) comprises a plurality of sensors (50), each positioned to sense the presence of a cooking vessel when placed at a respective position upon the cooking surface (30). A controller (70) is configured: to receive from any of the plurality of sensors (50) an indication of the presence of a cooking vessel at a respective position of the sensor (50); to determine from the received indications a position of the cooking vessel upon the cooking surface (30); and to control the mechanical system (75, 80, 85, 90) to move the induction cooking coil (10, 15, 20, 25) to a position beneath the cooking surface (30) corresponding to the determined position of the cooking vessel.

IPC 8 full level

H05B 6/12 (2006.01)

CPC (source: EP)

H05B 6/1245 (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/05** (2013.01)

Citation (applicant)

CN 104540260 A 20150422 - WUXI BODA ELECTRIC CO LTD

Citation (search report)

- [X] JP 2009011401 A 20090122 - CLEANUP CORP
- [IY] WO 2008101766 A1 20080828 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al
- [Y] EP 2312908 A1 20110420 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
- [A] DE 102015203316 A1 20160825 - EGO ELEKTRO GERAETEBAU GMBH [DE]

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)

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DOCDB simple family (application)

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