

Title (en)
INDUCTION HEATING COOKER

Title (de)
INDUKTIONSERWÄRMUNGSHERD

Title (fr)
APPAREIL DE CUISSON À CHAUFFAGE PAR INDUCTION

Publication
EP 3344009 A4 20180815 (EN)

Application
EP 16841055 A 20160808

Priority
• JP 2015168632 A 20150828
• JP 2016003638 W 20160808

Abstract (en)
[origin: EP3344009A1] Induction heating cooker (2) includes top plate (8) on which heating target (4) or non-contact power receiving device (11) is mounted; and a plurality of coils (10) that are disposed so that at least one coil exists directly under heating target (4) or non-contact power receiving device (11) when heating target (4) or non-contact power receiving device (11) is mounted on an arbitrary position on top plate (8), and induction-heats heating target (4), or supply power to non-contact power receiving device (11). Induction heating cooker (2) includes temperature detector (14) that detects a temperature of top plate (8); and a guide unit that shows a region of which a temperature detected by temperature detector (14) is a predetermined temperature or less to a user as a mountable region of non-contact power receiving device (11). Therefore, induction heating cooker (2) in which convenience is improved is provided.

IPC 8 full level
H05B 6/12 (2006.01)

CPC (source: EP)
H05B 6/1218 (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/07** (2013.01)

Citation (search report)
• [YA] EP 2440007 A2 20120411 - FAGORBRANDT SAS [FR]
• [YA] DE 112013004163 T5 20150513 - PANASONIC IP MAN CO LTD [JP]
• [YA] JP 2009165291 A 20090723 - MITSUBISHI ELECTRIC CORP
• See references of WO 2017038014A1

Cited by
WO2023099712A1

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 3344009 A1 20180704; EP 3344009 A4 20180815; EP 3344009 B1 20220629; JP WO2017038014 A1 20180614;
WO 2017038014 A1 20170309

DOCDB simple family (application)
EP 16841055 A 20160808; JP 2016003638 W 20160808; JP 2017506431 A 20160808