

Title (en)  
INDUCTION HEATING APPARATUS

Title (de)  
INDUKTIONSGERÄT

Title (fr)  
DISPOSITIF DE CHAUFFAGE PAR INDUCTION

Publication  
**EP 2914061 B1 20161221 (EN)**

Application  
**EP 13849692 A 20131023**

Priority

- JP 2012234388 A 20121024
- JP 2013008141 A 20130121
- JP 2013065859 A 20130327
- JP 2013065860 A 20130327
- JP 2013006266 W 20131023

Abstract (en)  
[origin: EP2914061A1] An induction heating device including: a top plate on which a cooking vessel heating a cooked object; a plurality of heating coils arranged closely to each other and generating a magnetic field for heating the cooking vessel; a heating control unit that controls a high-frequency current applied to each heating coil of the plurality of the heating coils to control a heating power of the cooking vessel; a cooking vessel detection unit that performs a detection operation of a cooking vessel for detecting whether the cooking vessel is placed over the heating coils; an operation unit that displays a detection result of the cooking vessel detection unit; and a priority determination unit that determines for each heating coil of the plurality of the heating coils a priority of a heating coil for which the cooking vessel detection unit detects whether the cooking vessel is placed thereon, wherein the cooking vessel detection unit that performs for each of the heating coils a detection operation of a cooking vessel in terms of whether the cooking vessel is placed thereon, based on the priority determined by the priority determination unit.

IPC 8 full level  
**H05B 6/06** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)  
**H05B 6/062** (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/05** (2013.01); **H05B 2213/07** (2013.01)

Cited by  
EP3364717A1; EP3951268A1; AU2017349644B2; US11617236B2; WO2022030939A1; US10959296B2; US11013071B2; WO2018106013A1; WO2018077548A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 13849692 A 20131023**; CN 201380045749 A 20131023; ES 13849692 T 20131023; JP 2013006266 W 20131023; JP 2014543152 A 20131023