Title (en)

Method for heating a cooking vessel using an induction heating device and induction heating device

Title (de)

Verfahren zum Beheizen eines Kochgefäßes mittels einer Induktionsheizeinrichtung und Induktionsheizeinrichtung

Title (fr)

Procédé de chauffage d'un récipient de cuisson au moyen d'un dispositif de chauffage à induction et dispositif de chauffage à induction

Publication

**EP 2574144 A3 20130717 (DE)**

Application

**EP 12185392 A 20120921**

Priority

DE 102011083386 A 20110926

Abstract (en)

[origin: EP2574144A2] The method involves providing a predetermined amount of energy to the cooking vessel (5) by induction heater (9) in accordance with a heating level selected by user or type of cooking vessel selected by user. A parameter value relating oscillation period (Tp) of an oscillating circuit (4) is determined based on temperature of bottom of the cooking vessel and the determined value is stored. The stored parameter value is controlled to reach a desired value. An independent claim is included for induction heating device.

IPC 8 full level

**H05B 6/06** (2006.01)

CPC (source: EP US)

**H05B 6/062** (2013.01 - EP US); H05B 2213/07 (2013.01 - EP US)

Citation (search report)
- [X] DE 10231122 A1 20040122 - EGO ELEKTRO GERAETEBAU GMBH [DE]
- [X] DE 10253198 A1 20040624 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 2020826 A1 20090204 - PANASONIC CORP [JP]
- [A] JP 2009105079 A 20090514 - PANASONIC CORP

Cited by

DE102017210527B4; EP3307018A1; DE102016222313A1; DE102016222313B4; EP3177107A1; DE102017210527A1

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 2574144 A2 20130327**; **EP 2574144 A3 20130717**; **EP 2574144 B1 20161221**; CN 103068086 A 20130424; CN 103068086 B 20160824; DE 102011083386 A1 20130328; ES 2616103 T3 20170609; JP 2013073939 A 20130422; PL 2574144 T3 20170630; US 2013087553 A1 20130411; US 9554424 B2 20170124

DOCDB simple family (application)

**EP 12185392 A 20120921**; CN 201210449085 A 20120926; DE 102011083386 A 20110926; ES 12185392 T 20120921; JP 2012211696 A 20120926; PL 12185392 T 20120921; US 201213627807 A 20120926