

Title (en)  
INDUCTION HEATING COOKER

Title (de)  
INDUKTIONSHERD

Title (fr)  
CUISINIÈRE À INDUCTION

Publication  
**EP 3018976 A4 20170125 (EN)**

Application  
**EP 13888859 A 20130702**

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Abstract (en)  
[origin: EP3018976A1] An induction heating cooking apparatus according to the present invention obtains an amount of temporal change #I of at least one of an input current to a drive circuit 50 and a coil current flowing through a heating coil 11 a, in a state where a drive frequency of the drive circuit 50 is fixed, measures a heating time t1 from start of power supply to the heating coil 11 a until the amount of temporal change #I becomes equal to or less than a set value, and controls high-frequency power supplied to the heating coil 11 a depending on the heating time t1 and an amount of current change I1 of at least one of the input current and the coil current during the heating time t1.

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

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

Citation (search report)

- [A] EP 2506672 A2 20121003 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 1414276 A1 20040428 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 1560463 A1 20050803 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- See references of WO 2015001610A1

Designated contracting state (EPC)  
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