

Title (en)  
Induction heating device

Title (de)  
Induktionsheizvorrichtung

Title (fr)  
Dispositif de chauffage à induction

Publication  
**EP 2590475 B1 20191211 (DE)**

Application  
**EP 12190484 A 20121030**

Priority  
ES 201131766 A 20111104

Abstract (en)  
[origin: EP2590475A2] The device (12) has a control unit (14) defining a set of pulse parameters as a function of a fluctuation of a sensor value of sensing units (40-46), where the sensing units determine temperature of a heating medium or a dish. The control unit is provided in a mode of operation to define the pulse parameters as a function of a curve. The control unit switches the mode of operation between a pulsed operation and a continuous operation as a function of an operator input. Four induction heating units (30-36) are arranged below a cook field plate. An independent claim is also included for a method for operating an induction heating device.

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

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

Cited by  
EP3013121A4

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

DOCDB simple family (publication)  
**EP 2590475 A2 20130508; EP 2590475 A3 20180620; EP 2590475 B1 20191211**

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