

Title (en)
HOB DEVICE

Title (de)
KOCHMULDENVORRICHTUNG

Title (fr)
ENSEMBLE TABLE DE CUISSON

Publication
EP 2564666 B1 20170614 (DE)

Application
EP 11720183 A 20110401

Priority
• ES 201030607 A 20100427
• IB 2011051396 W 20110401

Abstract (en)
[origin: WO2011135470A1] The basis for the invention is a hob device, in particular an induction hob device, having at least one switching unit (10) by means of which at least one power supply line can be interrupted and connected, a current which is generated by means of a power supply voltage flowing through said line during at least one operating process and said power supply line leading to a first switching element (S1). Said hob device also has at least one control device (14) which controls the switching unit (10) during the operating process in such a way that the switching unit (10) interrupts the power supply line during at least one first total time interval (t), and which initiates connection of the power supply line during the operating process immediately before and immediately after the first time interval (t) and initiates switching of the first switching element (S1) which begins and ends during the first time interval (t). In order to achieve a high degree of efficiency, it is proposed that the first time interval (t) be shorter than the duration of half a period of the power supply voltage.

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP ES US)
H05B 6/04 (2013.01 - ES); **H05B 6/062** (2013.01 - EP US)

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)
WO 2011135470 A1 20111103; CN 102860124 A 20130102; CN 102860124 B 20151216; EP 2564666 A1 20130306; EP 2564666 B1 20170614; ES 2385091 A1 20120718; ES 2385091 B1 20130528; ES 2634946 T3 20170929; PL 2564666 T3 20171031; US 10136478 B2 20181120; US 2013043239 A1 20130221

DOCDB simple family (application)
IB 2011051396 W 20110401; CN 201180021281 A 20110401; EP 11720183 A 20110401; ES 11720183 T 20110401; ES 201030607 A 20100427; PL 11720183 T 20110401; US 201113643128 A 20110401