

Title (en)

INDUCTION HEATING DEVICE AND CERAMIC HOB CAVITY COMPRISING SAID TYPE OF INDUCTION HEATING DEVICE

Title (de)

INDUKTIONSHHEIZEINRICHTUNG UND KOCHFELDMULDE MIT EINER SOLCHEN INDUKTIONSHHEIZEINRICHTUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET PLAQUE DE CUISSON DOTEES D'UN DISPOSITIF DE CHAUFFAGE PAR INDUCTION DE CE TYPE

Publication

EP 1844630 A1 20071017 (DE)

Application

EP 06706390 A 20060125

Priority

- EP 2006000619 W 20060125
- DE 102005005527 A 20050131

Abstract (en)

[origin: DE102005005527A1] The device has a supply part (30) converting an applied voltage into a power control for an induction coil (13) at a carrier mechanism (20). The supply part has a power electronic and a control electronic, where an exhausting device is provided for the power electronic. The device has an electrical power connection and an electrical control connection, and is formed as an installation-finished and/or connection-finished component. An independent claim is also included for a hob tray with an induction heat device.

IPC 8 full level

H05B 6/12 (2006.01); **H05B 6/42** (2006.01)

CPC (source: EP KR US)

H05B 6/02 (2013.01 - KR); **H05B 6/06** (2013.01 - KR); **H05B 6/1263** (2013.01 - EP US); **H05B 2206/022** (2013.01 - EP US)

Cited by

DE102018202908A1; US11871499B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007278215 A1 20071206; **US 7786414 B2 20100831**; AT E451818 T1 20091215; CN 1943274 A 20070404; CN 1943274 B 20121114; DE 102005005527 A1 20060803; DE 502006005577 D1 20100121; EP 1844630 A1 20071017; EP 1844630 B1 20091209; ES 2337922 T3 20100430; HK 1101849 A1 20071026; JP 2008528918 A 20080731; JP 4925343 B2 20120425; KR 101285910 B1 20130723; KR 20070107731 A 20071107; PL 1844630 T3 20100531; SI 1844630 T1 20100226; WO 2006081967 A1 20060810

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US 82875107 A 20070726; AT 06706390 T 20060125; CN 200680000082 A 20060125; DE 102005005527 A 20050131; DE 502006005577 T 20060125; EP 06706390 A 20060125; EP 2006000619 W 20060125; ES 06706390 T 20060125; HK 07109246 A 20070824; JP 2007552564 A 20060125; KR 20077019799 A 20060125; PL 06706390 T 20060125; SI 200630537 T 20060125