

Title (en)
INDUCTION HEATING DEVICE

Title (de)
INDUKTIONSGEIZVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE PAR INDUCTION

Publication
EP 2692202 B1 20170104 (DE)

Application
EP 12713357 A 20120319

Priority
• ES 201130485 A 20110330
• IB 2012051302 W 20120319

Abstract (en)
[origin: WO2012131526A1] The invention relates to an induction heating device, in particular an induction hot plate device, comprising at least one control unit (34), at least one first and one second induction heating unit (20, 22, 24, 26) and at least one first and one second heating frequency unit (30, 32) which, in at least one operating mode in which the first induction heating unit (20, 22, 24, 26) is connected directly to the first heating frequency unit (30, 32) and the second induction heating unit (20, 22, 10 24, 26) is connected directly to the second heating frequency unit (30, 32), are connected by means of the at least two induction heating units (20, 22, 24, 26). According to the invention, in order to increase the flexibility of the heating device, the control unit (34) is designed to operate heat frequency units (30, 32) in an operating mode in which said units are connected by means of the induction heating units (20, 22, 24, 26), in different operational sections (90, 91, 92, 93).

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP)
H05B 6/065 (2013.01)

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 2012131526 A1 20121004; CN 103548416 A 20140129; CN 103548416 B 20160907; EP 2692202 A1 20140205; EP 2692202 B1 20170104; ES 2615930 T3 20170608; RU 2013144044 A 20150510; RU 2567853 C2 20151110

DOCDB simple family (application)
IB 2012051302 W 20120319; CN 201280016539 A 20120319; EP 12713357 A 20120319; ES 12713357 T 20120319; RU 2013144044 A 20120319