

Title (en)
INDUCTION HEATING DEVICE

Title (de)
INDUKTIONSGEIZVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE À INDUCTION

Publication
EP 2914059 B1 20171206 (EN)

Application
EP 13848712 A 20131023

Priority
• JP 2012234386 A 20121024
• JP 2012234387 A 20121024
• JP 2013111631 A 20130528
• JP 2013111632 A 20130528
• JP 2013006265 W 20131023

Abstract (en)
[origin: EP2914059A1] An induction heating device is configured that a control part controls a first semiconductor switch, a second semiconductor switch, and a third semiconductor switch to selectively drives a simultaneous heating mode supplying a high-frequency power to a first heating coil and a second heating coil at the same time, a first single heating mode supplying a high-frequency power to the second heating coil, a second single heating mode supplying a high-frequency power to the first heating coil, an alternate heating mode alternately repeating the first single heating mode and the second single heating mode, and a step-down simultaneous heating mode supplying the high-frequency power to the first heating coil and the second heating coil at the same time.

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP)
H05B 6/065 (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/05** (2013.01)

Cited by
EP3432682A1; EP3820247A1; US10993292B2; US10893579B2; US11140751B2; US11272583B2; EP3641497A1; US11212880B2; US10605464B2; US11655984B2; EP3809800B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2914059 A1 20150902; EP 2914059 A4 20151104; EP 2914059 B1 20171206; CN 104604328 A 20150506; CN 104604328 B 20160706; JP WO2014064932 A1 20160908; WO 2014064932 A1 20140501

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