

Title (en)
INDUCTION-HEATING COOKWARE

Title (de)
INDUKTIONSKOCHGERÄT

Title (fr)
MATÉRIEL DE CUISINE À CHAUFFAGE PAR INDUCTION

Publication
EP 2680668 B1 20160622 (EN)

Application
EP 11859439 A 20111129

Priority
• JP 2011035123 A 20110221
• JP 2011006621 W 20111129

Abstract (en)
[origin: EP2680668A1] In the case where two or more inverter circuits 9 of a plurality of inverter circuits 9 are driven at the same time, control means 25 drives the inverter circuits 9 at the same driving frequency, acquires output currents of the driven inverter circuits 9, and performs drive control for the inverter circuits 9 in such a manner that the phase difference between the acquired output currents is reduced. Furthermore, the load determining means 26 performs a load determination on the basis of output currents of the driven inverter circuits 9 detected by output current detecting means 28 and input power or output power detected by power detecting means.

IPC 8 full level
H05B 6/06 (2006.01)

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

Cited by
ES2673130A1; ES2673131A1; EP3796754A1; US10237925B2; US11805576B2; WO2015145278A1; US11153940B2; US11690142B2; JP2014057381A

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 2680668 A1 20140101; EP 2680668 A4 20140813; EP 2680668 B1 20160622; CN 103404229 A 20131120; CN 103404229 B 20150729; CN 105007643 A 20151028; CN 105007643 B 20170104; ES 2586583 T3 20161017; JP 5649714 B2 20150107; JP WO2012114405 A1 20140707; WO 2012114405 A1 20120830

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EP 11859439 A 20111129; CN 201180067972 A 20111129; CN 201510430079 A 20111129; ES 11859439 T 20111129; JP 2011006621 W 20111129; JP 2013500715 A 20111129