

Title (en)
INDUCTION HEAT COOKER

Title (de)
INDUKTIONSHERD

Title (fr)
CUISINIÈRE À INDUCTION

Publication
EP 2827679 A4 20150722 (EN)

Application
EP 13760292 A 20130313

Priority
• JP 2012057049 A 20120314
• JP 2012077943 W 20121030
• JP 2013056917 W 20130313

Abstract (en)
[origin: EP2827679A1] An inverter circuit 23 is driven in accordance with a result of determination by load determining means. While a driving frequency for the inverter circuit 23 is fixed, a variation in input current or coil current per predetermined time period is obtained. A change in temperature of a target 5 is detected based on the variation per predetermined time period.

IPC 8 full level
H05B 6/12 (2006.01)

CPC (source: EP)
H05B 6/062 (2013.01)

Citation (search report)
• [A] US 2009314769 A1 20091224 - BONNEL JOCELYN [FR], et al
• [A] US 2008121633 A1 20080529 - PINILLA JOSE MIGUEL BURDIO [ES], et al
• [A] JP 2007287702 A 20071101 - MATSUSHITA ELECTRIC IND CO LTD
• See references of WO 2013137287A1

Cited by
US11665791B2; EP3799524A1; WO2021063731A1

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 2827679 A1 20150121; EP 2827679 A4 20150722; EP 2827679 B1 20160427; CN 104170524 A 20141126; CN 104170524 B 20160127; ES 2573657 T3 20160609; JP 2016181518 A 20161013; JP 6141492 B2 20170607; JP 6238888 B2 20171129; JP WO2013137287 A1 20150803; WO 2013136577 A1 20130919; WO 2013137287 A1 20130919

DOCDB simple family (application)
EP 13760292 A 20130313; CN 201380014442 A 20130313; ES 13760292 T 20130313; JP 2012077943 W 20121030; JP 2013056917 W 20130313; JP 2014504949 A 20130313; JP 2016118937 A 20160615