

Title (en)
DISHWASHER

Title (de)
GESCHIRRSPÜLER

Title (fr)
LAVE-VAISSELLE

Publication
EP 2599425 A4 20150930 (EN)

Application
EP 11812043 A 20110726

Priority
• JP 2010170005 A 20100729
• JP 2011004190 W 20110726

Abstract (en)
[origin: EP2599425A1] A control unit for controlling a water feed unit, a heating unit, and a washing unit based on a detected temperature of a temperature detecting unit to execute at least a thermal capability estimating step, washing step, heating/rinsing step, and drying step compares a temperature rising-up ratio of the washing water in the thermal capability estimating step and a temperature rising-up ratio of the washing water in the washing step to detect a volume of an item to be washed and perform control. In this manner, it is possible to determine the volume of the dishes while suppressing variations of the wattage of the heater or an influence by power source voltage fluctuations in installation environment, so as to determine the volume of the dishes.

IPC 8 full level
A47L 15/46 (2006.01); **A47L 15/00** (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP KR)
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Citation (search report)
• [X] US 6622754 B1 20030923 - ROTH RYAN KEVIN [US], et al
• [XA] US 2006130876 A1 20060622 - CURTIUS GEORG [DE], et al
• See references of WO 2012014441A1

Cited by
EP3150100A1; EP3375344A1; IT201700028613A1; RU2765140C2

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 2599425 A1 20130605; EP 2599425 A4 20150930; CN 103052348 A 20130417; CN 103052348 B 20150701; JP 5170327 B2 20130327; JP WO2012014441 A1 20130912; KR 101375493 B1 20140318; KR 20130031371 A 20130328; TW 201208631 A 20120301; TW I412347 B 20131021; WO 2012014441 A1 20120202

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