

Title (en)
DISHWASHER WITH LOAD ESTIMATOR

Title (de)
GESCHIRRSPÜLER MIT BELADUNGSSCHÄTZER

Title (fr)
LAVE-VAISSELLE AVEC ESTIMATEUR DE CHARGE

Publication
EP 3150100 A1 20170405 (EN)

Application
EP 15425080 A 20151001

Priority
EP 15425080 A 20151001

Abstract (en)
Dishwasher comprising: a compartment (10) for containing a crockery load; a tub (20) for containing water for washing said crockery; a heating element (30) for heating said water; a sensor (40) for detecting a main parameter (MP) representative of a temperature of said water; a processing unit (50) configured for: determining a first parameter (P1) representative of a heating speed of said water; determining a second parameter (P2) representative of a difference between a nominal value and an actual value of a characteristic parameter of said heating element (30); determining an estimate (X) of said load as a function of at least said first parameter (P1) and said second parameter (P2).

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

CPC (source: EP)
A47L 15/0047 (2013.01); **A47L 15/4295** (2013.01); **A47L 2401/04** (2013.01); **A47L 2401/10** (2013.01); **A47L 2401/12** (2013.01); **A47L 2401/20** (2013.01); **A47L 2401/30** (2013.01); **A47L 2501/30** (2013.01)

Citation (search report)

- [XA] JP 3141463 B2 20010305
- [A] JP 2005052216 A 20050303 - HITACHI HOME & LIFE SOLUTIONS
- [A] WO 2004047608 A1 20040610 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al
- [A] EP 2599425 A1 20130605 - PANASONIC CORP [JP]
- [A] US 6622754 B1 20030923 - ROTH RYAN KEVIN [US], et al
- [A] FR 2574645 A1 19860620 - ESSWEIN SA [FR]

Cited by
EP4056098A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3150100 A1 20170405

DOCDB simple family (application)
EP 15425080 A 20151001