

Title (en)

Dishwasher with a dynamic filling sequence

Title (de)

Geschirrspülmaschine mit einer dynamischen Füllsequenz

Title (fr)

Lave-vaisselle doté d'une séquence de remplissage dynamique

Publication

**EP 2433546 A3 20170614 (DE)**

Application

**EP 11167208 A 20110524**

Priority

DE 102010029730 A 20100607

Abstract (en)

[origin: US2011297189A1] A dishwasher method and apparatus providing an algorithm varying the speed of the recirculation pump that recirculates washing liquor present in the washing compartment so as to assure quiet pump operation is disclosed. The speed of the recirculation pump is varied by a control device that carries out the washing cycle. A true-running monitoring unit checks the operation of the recirculation pump. During a fill phase of the washing cycle, an inlet valve is opened, the recirculation pump is switched on and the algorithm provides stepped variation of the recirculation speed using a default value step, a test step in which a true running check is performed, and a modification step in which the default value is modified in response to the result of the test step, for use in the next iteration of the algorithm.

IPC 8 full level

**A47L 15/00** (2006.01)

CPC (source: EP US)

**A47L 15/0023** (2013.01 - EP US); **A47L 2401/08** (2013.01 - EP US); **A47L 2501/01** (2013.01 - EP US)

Citation (search report)

- [X] DE 19513352 A1 19961010 - MIELE & CIE [DE]
- [A] EP 1967121 A1 20080910 - MIELE & CIE [DE]
- [A] EP 0619431 A1 19941012 - EBARA CORP [JP]
- [A] US 2006162744 A1 20060727 - WALKDEN THOMAS G [US]

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)

**DE 102010029730 A1 20111208**; EP 2433546 A2 20120328; EP 2433546 A3 20170614; EP 2433546 B1 20200408;  
US 2011297189 A1 20111208; US 9265399 B2 20160223

DOCDB simple family (application)

**DE 102010029730 A 20100607**; EP 11167208 A 20110524; US 201113111988 A 20110520