

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 B1 20200408 (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 (examination)

- US 2007151579 A1 20070705 - HOOKER JOHN K [US], et al
- EP 1029498 A2 20000823 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

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)

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