

Title (en)
Process for controlling the operation of a dishwashing machine

Title (de)
Steuerungsverfahren einer Geschirrspülmaschine

Title (fr)
Procédé de contrôle d'une machine lave-vaisselle

Publication
EP 2292139 B1 20151111 (EN)

Application
EP 10175422 A 20100906

Priority
IT TO20090684 A 20090907

Abstract (en)
[origin: EP2292139A1] The process controls the operation of a dishwashing machine comprising a washing tank (10) closed at the bottom by a sump (12) wherein a level sensor (14) is mounted, a washing pump (16) operated by an asynchronous electric motor (18) which makes water circulate in said tank (10), and a control unit (22). In such process, a reference value of the level of the water in the sump (12) is pre-established for the washing step and the rinsing step, respectively; the level sensor (14) measures continuously the actual value of the level of the water in the sump (12) during such steps; and the control unit (22) compares in each step the reference value and the actual value of the level of the water in the sump (12) and adjusts the rotation speed of the motor (18) in dependence on the difference existing between such values, as well as checks the operation capability of said sensor (14), by ascertaining that, during the water loading step, the measured value of the level of the water in the sump (12) continuously increases.

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

CPC (source: EP)
A47L 15/0023 (2013.01); **A47L 15/4225** (2013.01); **A47L 15/4244** (2013.01); **A47L 2401/09** (2013.01); **A47L 2501/05** (2013.01)

Cited by
ITTO20111247A1; ITTO20111246A1; EP2772175A1; AU2014201047B2; US9861249B2

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2292139 A1 20110309; EP 2292139 B1 20151111; IT 1395418 B1 20120914; IT TO20090684 A1 20110308; PL 2292139 T3 20160429

DOCDB simple family (application)
EP 10175422 A 20100906; IT TO20090684 A 20090907; PL 10175422 T 20100906