

Title (en)

METHOD FOR OPERATING A WATER-CONDUCTING DOMESTIC APPLIANCE

Title (de)

VERFAHREN ZUM BETREIBEN EINES WASSERFÜHRENDEN HAUSHALTSGERÄTS

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL MENAGER A CIRCULATION D'EAU

Publication

EP 2635173 B1 20150304 (DE)

Application

EP 11773264 A 20111021

Priority

- DE 102010043328 A 20101103
- EP 2011068474 W 20111021

Abstract (en)

[origin: WO2012059349A1] The invention relates to a method for operating a water-conducting domestic appliance (1), in particular a dishwasher (2) having a circulating pump (15) and a water flow diverter (9) that is associated with the circulating pump (15), in particular arranged downstream of the circulating pump (15), and has at least one control element that can be adjusted by a motor in order to change the direction of flow of a liquid through the water flow diverter (9). According to this method, the water-conducting domestic appliance (1) is filled with a minimum amount of filling water that can be circulated by the circulating pump (15); during a first step, the water flow diverter (9) is checked for malfunctions, and during a second step, the pump is checked for smooth running to ascertain whether the minimum amount of filling water in the water-conducting domestic appliance (1) corresponds to at least the nominal amount of filling water required to ensure the smooth running of the circulating pump (15), wherein in order to check the pump for smooth running at least one operational parameter of an electromotor (16) that drives the circulating pump (15) is evaluated in order to ascertain whether it corresponds to a smooth running of the circulating pump (15). According to the invention, the pump is checked for smooth running or a refilling step is carried out in order to increase the minimum amount of filling water when there is no malfunction of the water flow diverter (9), and no check or refilling step is carried out when malfunction of the water flow diverter (9) is detected.

IPC 8 full level

A47L 15/42 (2006.01); **A47L 15/00** (2006.01)

CPC (source: EP US)

A47L 15/0018 (2013.01 - US); **A47L 15/0023** (2013.01 - EP US); **A47L 15/0049** (2013.01 - EP US); **A47L 15/4221** (2013.01 - EP US); **A47L 15/4244** (2013.01 - EP US); **A47L 2401/07** (2013.01 - EP US); **A47L 2401/08** (2013.01 - EP US); **A47L 2401/30** (2013.01 - EP US); **A47L 2501/01** (2013.01 - EP US); **A47L 2501/03** (2013.01 - EP 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

DOCDB simple family (publication)

DE 102010043328 A1 20120503; EP 2635173 A1 20130911; EP 2635173 B1 20150304; US 10004375 B2 20180626; US 2013220374 A1 20130829; WO 2012059349 A1 20120510

DOCDB simple family (application)

DE 102010043328 A 20101103; EP 11773264 A 20111021; EP 2011068474 W 20111021; US 201113879812 A 20111021