Title (en)
Operating cycle for the drain pump of a household washing appliance

Title (de)
Betriebszyklus für die Entleerungspumpe einer Haushaltswaschmaschine

Title (fr)
Cycle de fonctionnement de pompe de drainage d'un appareil de lavage domestique

Publication
EP 2009165 A1 20081231 (EN)

Application
EP 07425397 A 20070628

Priority
EP 07425397 A 20070628

Abstract (en)
An operating cycle for the drain pump (DP) of a household washing appliance, such as a dishwasher or a washing machine, is controlled not only on the basis of the time calculated to drain the water from the sump (MS) but also on the basis of the level of the water to be drained actually detected by a pressure switch (PS) and possibly provides an intermittent activation to prevent the air that sets in the pump body and therefore between the impeller blades from causing the cavitation problem.

IPC 8 full level
A47L 15/42 (2006.01); **D06F 33/42** (2020.01); **D06F 39/08** (2006.01)

CPC (source: EP US)
A47L 15/0031 (2013.01 - EP); **A47L 15/4225** (2013.01 - EP); **D06F 33/42** (2020.02 - EP US); **D06F 39/085** (2013.01 - EP US);
A47L 2401/09 (2013.01 - EP); A47L 2501/05 (2013.01 - EP); D06F 2103/18 (2020.02 - EP US); D06F 2105/08 (2020.02 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

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