

Title (en)
Weight sensing method for dishwashers

Title (de)
Gewichtsensorverfahren für Spülmaschinen

Title (fr)
Procédé de détection du poids pour lave-vaisselle

Publication
EP 2160970 B1 20120321 (EN)

Application
EP 09167676 A 20090812

Priority
TR 200806744 A 20080905

Abstract (en)
[origin: EP2160970A2] In a method for sensing the dish load in dishwashers, the water level in the machine pool (7) is measured at first step by means of a water-level measuring unit and this is reported to the machine's control unit; the upper nozzles (5) or lower nozzles (4) are rotated to some extent at second step, by operating the machine's washing pump (1); said pump (1) is stopped at third step, and some time is allowed for the water present on the upper rack (21) or lower rack (22) to drain away; the water level in the pool (7) is measured once more at forth step; and the load amounts at each rack is determined by means of the control unit at fifth step, based on the difference between the water levels measured at the first and forth steps; all these steps being conducted separately both for the upper rack (21) and the lower rack (22).

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP)
A47L 15/0021 (2013.01); **A47L 15/4244** (2013.01); **A47L 2401/04** (2013.01); **A47L 2401/09** (2013.01); **A47L 2501/05** (2013.01); **A47L 2501/20** (2013.01); **A47L 2501/26** (2013.01); **A47L 2501/32** (2013.01)

Cited by
CN105496333A; CN110623613A; CN106455900A; US2017119232A1; US11076742B2; WO2015197139A1

Designated contracting state (EPC)
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 2160970 A2 20100310; **EP 2160970 A3 20110518**; **EP 2160970 A8 20111019**; **EP 2160970 B1 20120321**; AT E549963 T1 20120415; TR 200806744 A2 20100322

DOCDB simple family (application)
EP 09167676 A 20090812; AT 09167676 T 20090812; TR 200806744 A 20080905