

Title (en)

Dishwasher with improved hydraulic circuit

Title (de)

Geschirrspülmaschine mit verbessertem hydraulischen Kreis

Title (fr)

Lave-vaisselle avec circuit hydraulique amélioré

Publication

EP 1586265 A1 20051019 (EN)

Application

EP 04425055 A 20040129

Priority

EP 04425055 A 20040129

Abstract (en)

A dishwasher with capacity of alternate wash on two racks includes an upper sprinkler and a lower sprinkler that receive water through respective delivery pipes (F, G), on the bottom of the washing tank there being arranged a collecting sump (C), a suction duct (D) branching out from the bottom of the latter. A connector (H) connects the suction duct (D) to two washing pumps (PL1, PL2), preferably synchronous pumps, that pump the water directly into the two delivery pipes (F, G) respectively. In this way the user can choose between alternate wash and conventional wash, and the machine has a more efficient, simple and cheap structure (both to manufacture and to use) with respect to conventional machines in which the hydraulic circuit includes one or more valves for controlling the water flows to the sprinklers. <IMAGE>

IPC 1-7

A47L 15/42

IPC 8 full level

A47L 15/23 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)

A47L 15/4221 (2013.01); **A47L 15/4225** (2013.01); **A47L 15/23** (2013.01)

Citation (search report)

- [XY] DE 3911305 A1 19891026 - CANDY IND SPA [IT]
- [Y] EP 0601220 A1 19940615 - SIEMENS AG [DE]
- [Y] EP 1279836 A1 20030129 - BONFERRARO SPA [IT]
- [Y] EP 1004266 A1 20000531 - SMEG SPA [IT]
- [A] DE 2442619 A1 19750925 - WINTERHALTER KG KARL
- [A] US 2704082 A 19550315
- [A] CH 398906 A 19660315 - SIEMENS ELEKTROGERAETE GMBH [DE]
- [A] DE 2304035 A1 19740801 - MIELE & CIE
- [A] EP 1046369 A1 20001025 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

EP1992269A3; EP1813182A1; US8603261B2; WO2013111170A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1586265 A1 20051019

DOCDB simple family (application)

EP 04425055 A 20040129