

Title (en)

Dishwasher with automatic alternate water distribution

Title (de)

Geschirrspülmaschine mit automatischer abwechselnder Wasserverteilung

Title (fr)

Lave-vaisselle avec distribution automatique alternée de l'eau

Publication

EP 1723888 A1 20061122 (EN)

Application

EP 05425329 A 20050517

Priority

EP 05425329 A 20050517

Abstract (en)

A dishwasher includes an upper sprinkler and a lower sprinkler that receive water through respective delivery pipes, on the bottom of the washing tank there being arranged a collecting sump (1) from which a suction duct branches out to take the water to a washing pump that pumps the water to said sprinklers through a delivery duct, and it further includes a distribution chamber (2) that, through an inlet (18), receives the water coming from said delivery duct and is closed at the top by a lid (6) in which there are formed two passages connected to the respective delivery pipes of the sprinklers, a rotating shutter (5) being provided for alternately covering the two passages thanks to the rotation transmitted to the shutter (5) by a rotor (16) connected thereto through a kinematic chain and rotated by a water jet emitted by a nozzle (17') that is in communication with the distribution chamber (2). In this way, it is possible to dispense with the conventional valve to alternate the supply to the two sprinklers, and this result is achieved through a very simple and cheap structure, with positive results as to cost and reliability.

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4221 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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