Title (en)

Pump for a dishwashing machine and corresponding pump assembly and dishwashing machine

Title (de)

Pumpe für Geschirrspüler und entsprechende Pumpenanordnung und Geschirrspüler

Title (fr)

Pompe pour lave-vaisselle et ensemble de pompe correspondant et lave-vaisselle

Publication

EP 2070461 B1 20171018 (EN)

Application

EP 08021522 A 20081211

Priority

IT MI20072318 A 20071211

Abstract (en)

[origin: EP2070461A2] A pump (2') for dishwashing machines is described, comprising an electric motor (21'), an impeller (23') and electronic motor control circuitry (27'), the electric motor (21') being able to rotate the impeller (23'), the electronic motor control circuitry (27') being able to control the electric motor (21'). Advantageously, the electronic motor control circuitry (27') is structured to control the electric motor (31') of an additional pump (3'). Furthermore, a pump assembly for a dishwashing machine (6') is described, comprising a master pump (2') and at least one slave pump (3'), the master pump (2') being of above said type, the at least one slave pump (3') being electrically connected to the electronic motor control circuitry (27') and being electronically controlled by the electronic motor control circuitry (27'). A dishwashing machine (1') is also described, comprising a pump assembly of above said type, the dishwashing machine (1') being hydraulically connected, on the inlet side, by means of suction, to the water distribution system, through the at least one washing pump (2') and being connected, on the outlet side, to the water distribution system or to a drain, through the at least one discharge pump (3').

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4225 (2013.01)

Cited by

US8575873B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2070461 A2 20090617; **EP 2070461 A3 20100310**; **EP 2070461 B1 20171018**; IT MI20072318 A1 20090612

DOCDB simple family (application)

EP 08021522 A 20081211; IT MI20072318 A 20071211