

Title (en)
Dishwasher with a circulating pump

Title (de)
Geschirrspülmaschine mit einer Umwälzpumpe

Title (fr)
Lave-vaisselle doté d'une pompe de recirculation

Publication
EP 2275017 B1 20180912 (DE)

Application
EP 10168100 A 20100701

Priority
DE 102009027645 A 20090713

Abstract (en)
[origin: EP2275017A2] The dishwasher has a washing space for accommodating items to be cleaned, where water is supplied to the space by a circulating pump (6). The pump includes a fixed, central suction channel (11) running up to a rotatable wheel (7) i.e. impeller wheel, where the suction channel is bounded by a tube portion (12). A sliding portion (13) and a thrust ring (14) form a bearing for the wheel. The sliding portion and the ring in a dual function form a sealing system against backflow of water into the channel. The sliding portion and/or the ring is/are formed with a Teflon(RTM: PTFE) coating.

IPC 8 full level
A47L 15/42 (2006.01); **F04D 29/047** (2006.01); **F04D 29/16** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)
A47L 15/4225 (2013.01); **F04D 29/0473** (2013.01); **F04D 29/167** (2013.01); **F04D 29/2266** (2013.01)

Cited by
CN105286746A; DE102011079887A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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