Title (en)

Lye pump for water-bearing domestic appliances and water-bearing domestic appliance

Title (de)

Laugenpumpe für wasserführende Haushaltgeräte und wasserführendes Haushaltgerät

Title (fr)

Pompe à eau de lessive pour appareils ménagers transportant de l'eau et appareil ménager transportant de l'eau

Publication

EP 2420609 A3 20170830 (DE)

Application

EP 11176799 A 20110808

Priority

DE 102010039566 A 20100820

Abstract (en)

[origin: EP2420609A2] The discharge pump has a suction pipe (13) which is provided with a vent channel (11). The baffles (10) are radially arranged outside the suction pipe, and are parallel to the vent channel. The curved axial ribs (12) are arranged outside the suction pipe, for connecting a pin (5) arranged at the suction side. The baffles and axial ribs are integrated with the suction pipe into a single-component. An independent claim is included for water-bearing household appliance.

IPC 8 full level

D06F 39/08 (2006.01); **A47L 15/42** (2006.01); **D06F 39/06** (2006.01); **F04D 9/00** (2006.01); **F04D 29/00** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP US)

A47L 15/4225 (2013.01 - EP); **D06F 39/083** (2013.01 - EP US); **F04D 9/003** (2013.01 - EP); **F04D 29/445** (2013.01 - EP)

Citation (search report)
- [AD] DE 102008054998 B3 20100617 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [AD] DE 19537944 A1 19970417 - AEG HAUSGERAETE GMBH [DE]
- [A] EP 1024292 A2 20000802 - WILO GMBH [DE]
- [A] DE 4302497 A1 19940804 - MASSINDUSTRIE GMBH [DE]

Cited by

CN109779977A; EP3779021A4; US11834773B2; EP2746441A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2420609 A2 20120222; **EP 2420609 A3 20170830**; **EP 2420609 B1 20201230**; DE 102010039566 A1 20120223; PL 2420609 T3 20210628

DOCDB simple family (application)

EP 11176799 A 20110808; DE 102010039566 A 20100820; PL 11176799 T 20110808