

Title (en)
PUMP DEVICE FOR A DOMESTIC APPLIANCE

Title (de)
PUMPVORRICHTUNG FÜR EIN HAUSHALTSGERÄT

Title (fr)
DISPOSITIF DE POMPAGE POUR APPAREIL DOMESTIQUE

Publication
EP 3297510 B1 20190417 (DE)

Application
EP 16727144 A 20160520

Priority
• DE 102015209529 A 20150522
• EP 2016061462 W 20160520

Abstract (en)
[origin: WO2016188915A1] A pump device (103) for a domestic appliance (100), wherein the pump device (103) comprises a drive (105) with a first impeller (107) for operating the pump device (103) in a first operating state with a first conveying direction, in order to pump fluid out of the domestic appliance (100), and with a second impeller (109) for operating the pump device (103) in a second operating state with a second conveying direction, in order to pump fluid around within the domestic appliance, wherein a first freewheeling drive (119) is arranged between the drive (105) and the first impeller (107) and a second freewheeling drive (121) is arranged between the drive (105) and the second impeller (109) in a manner such that always only the first impeller (107) or only the second impeller (109) can be driven, depending on the first or the second operating state.

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: CN EP RU)
A47L 15/42 (2013.01 - RU); **A47L 15/4225** (2013.01 - CN EP); **D06F 39/085** (2013.01 - CN); **A47L 15/4202** (2013.01 - EP)

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

DOCDB simple family (publication)
DE 102015209529 A1 20161124; CN 107660243 A 20180202; CN 107660243 B 20200214; EP 3297510 A1 20180328;
EP 3297510 B1 20190417; PL 3297510 T3 20190930; RU 2672479 C1 20181115; TR 201906553 T4 20190521; WO 2016188915 A1 20161201

DOCDB simple family (application)
DE 102015209529 A 20150522; CN 201680029781 A 20160520; EP 16727144 A 20160520; EP 2016061462 W 20160520;
PL 16727144 T 20160520; RU 2017140254 A 20160520; TR 201906553 T 20160520