

Title (en)
CIRCULATING DRAINAGE APPARATUS AND HOUSEHOLD APPLIANCE

Title (de)
ZIRKULIERENDE DRAINAGEVORRICHTUNG UND HAUSHALTSGERÄT

Title (fr)
APPAREIL D'ÉCOULEMENT CIRCULANT ET APPAREIL ÉLECTROMÉNAGER

Publication
EP 3226740 B1 20190724 (EN)

Application
EP 15805297 A 20151124

Priority
• CN 201410720447 A 20141202
• IB 2015059063 W 20151124

Abstract (en)
[origin: WO2016087986A1] The present invention provides a circulating drainage apparatus, including a pump shell body, the pump shell body being provided with an inflow chamber for water to flow in and an outflow chamber for water to flow out; a drive motor provided with an impeller, the drive motor being connected to the outflow chamber of the pump shell body, and the impeller of the drive motor being disposed in the outflow chamber; a circulation pipe in communication with the outflow chamber; a discharge pipe in communication with the outflow chamber; and wherein a movable switch member is provided in the outflow chamber of the pump shell body, where under a function of an external force, the switch member moves from a first position in which the circulation pipe is closed to a second position in which the discharge pipe is closed, to open the circulation pipe, or moves from a second position in which the discharge pipe is closed to a first position in which the circulation pipe is closed, to open the discharge pipe. In this way, it is ensured that the discharge pipe is closed by the switch member and the water flows out only from the circulation pipe in the process of circulating water, and that the circulation pipe is closed by the switch member and the water flows out only from the discharge pipe in the process of draining water.

IPC 8 full level
D06F 39/08 (2006.01); **A47L 15/42** (2006.01); **F04D 29/48** (2006.01)

CPC (source: EP US)
A47L 15/4225 (2013.01 - EP); **D06F 39/083** (2013.01 - EP US); **F04D 29/486** (2013.01 - EP US); **A47L 15/4221** (2013.01 - EP); **D06F 39/085** (2013.01 - EP US); **D06F 2103/42** (2020.02 - EP US)

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)
WO 2016087986 A1 20160609; CN 105714522 A 20160629; CN 105714522 B 20190920; EP 3226740 A1 20171011; EP 3226740 B1 20190724

DOCDB simple family (application)
IB 2015059063 W 20151124; CN 201410720447 A 20141202; EP 15805297 A 20151124