

Title (en)

SWIMMING-POOL CLEANING APPARATUS COMPRISING MEANS FOR ADJUSTING THE PRESSURE INSIDE SAID APPARATUS

Title (de)

SCHWIMMBECKENREINIGUNGSVORRICHTUNG MIT MITTELN ZUM EINSTELLEN DES DRUCKS IM INNEREN DER VORRICHTUNG

Title (fr)

APPAREIL NETTOYEUR DE PISCINE COMPRENANT DES MOYENS DE RÉGLAGE DE LA PRESSION INTERNE AUDIT APPAREIL

Publication

EP 3356621 B1 20191106 (FR)

Application

EP 16785236 A 20160928

Priority

- FR 1559372 A 20151002
- FR 2016052460 W 20160928

Abstract (en)

[origin: WO2017055740A1] The invention relates to a swimming-pool cleaning apparatus which comprises: a body; at least one hydraulic circuit for circulating liquid between at least one liquid intake and at least one liquid outlet, and through a filtering device of the cleaning apparatus; a fluid-circulation pump installed in the hydraulic circuit downstream from the filtering device; means for adjusting the pressure inside the hydraulic circuit upstream from the circulation pump, in response to a detected variation of said pressure, said pressure-adjustment means comprising: at least one secondary liquid intake (21) connected to the hydraulic circuit, upstream from the circulation pump, said at least one secondary liquid intake (21) being provided with a valve (22) mounted rotatably movable about an axis of rotation, and with means for driving the valve from an open position to a closed position, said means for driving the valve comprising a float (26), the orientation and/or the force of which depend on the orientation of the cleaning apparatus relative to a horizontal plane.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

B08B 3/14 (2013.01 - US); **E04H 4/1654** (2013.01 - EP US)

Cited by

US11505959B2

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 2017055740 A1 20170406; AU 2016333560 A1 20180510; AU 2016333560 B2 20210520; EP 3356621 A1 20180808; EP 3356621 B1 20191106; ES 2758680 T3 20200506; FR 3041981 A1 20170407; FR 3041981 B1 20171222; US 10597887 B2 20200324; US 11505959 B2 20221122; US 2018283029 A1 20181004; US 2020165832 A1 20200528

DOCDB simple family (application)

FR 2016052460 W 20160928; AU 2016333560 A 20160928; EP 16785236 A 20160928; ES 16785236 T 20160928; FR 1559372 A 20151002; US 201615764650 A 20160928; US 202016780556 A 20200203