

Title (en)

AUTONOMOUS POOL CLEANING ROBOT

Title (de)

AUTONOMER SCHWIMMBECKENREINIGUNGSROBOTER

Title (fr)

ROBOT DE NETTOYAGE DE PISCINE AUTONOME

Publication

EP 3283711 B1 20180829 (FR)

Application

EP 16785257 A 20160929

Priority

- FR 1559447 A 20151005
- FR 2016052487 W 20160929

Abstract (en)

[origin: WO2017060588A2] The subject of the invention is a pool cleaning robot (1) comprising a water jet electrohydraulic motorized propulsion/pump unit (31, 34, 35), and a waste-collecting body (2) which comprises a battery (32) for powering said unit, the unit and the battery being contained inside a rotary and sealed turret (3), external to the body (2) of the robot. The robot advantageously comprises an automatic direction reversing device comprising a vane (5) secured to the turret comprising a first end stop (52) and second end stops (41, 42).

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: CN EP US)

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Cited by

EP3712358A1; US10851558B2

Designated contracting state (EPC)

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FR 3041982 A1 20170407; **FR 3041982 B1 20171124**; CA 2987680 A1 20170413; CA 2987680 C 20190402; CN 107923191 A 20180417; CN 107923191 B 20200731; CN 111962926 A 20201120; CN 111962926 B 20220805; EP 3283711 A2 20180221; EP 3283711 B1 20180829; ES 2693024 T3 20181207; US 10370865 B2 20190806; US 10895086 B2 20210119; US 2018179772 A1 20180628; US 2019301189 A1 20191003; WO 2017060588 A2 20170413; WO 2017060588 A3 20170601

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