

Title (en)

AUTONOMOUS ROBOT WITH ALTERNATING SUCTION FOR CLEANING SWIMMING POOLS

Title (de)

AUTONOMER ROBOTER MIT ALTERNIERENDER ABSAUGUNG FÜR DIE REINIGUNG VON SCHWIMMBÄDERN

Title (fr)

ROBOT AUTONOME À ASPIRATION ALTERNÉE POUR LE NETTOYAGE DE PISCINES

Publication

**EP 3712358 B1 20211103 (FR)**

Application

**EP 19305355 A 20190322**

Priority

EP 19305355 A 20190322

Abstract (en)

[origin: US2020299987A1] Robot for cleaning swimming pools, including a debris-collection body, a propulsion and suction system able to move the robot in alternation in two substantially opposite directions D1 and D2, and an electrical supply device, the body includes two compartments separated by a partition and each provided with a water inlet. Depending on the direction of movement of the robot, the suction is effected in one compartment and blocked in the other. The suction can be alternated by means of a pivoting suction orifice rotated by a turret.

IPC 8 full level

**E04H 4/16** (2006.01)

CPC (source: EP US)

**E04H 4/1654** (2013.01 - EP US); **E04H 4/1663** (2013.01 - US)

Cited by

CN115182628A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3712358 A1 20200923**; **EP 3712358 B1 20211103**; US 10851558 B2 20201201; US 2020299987 A1 20200924

DOCDB simple family (application)

**EP 19305355 A 20190322**; US 202016824855 A 20200320