

Title (en)

PRESSURE-FED VACUUM SWIMMING POOL CLEANING ROBOT AND METHOD

Title (de)

ROBOTER ZUR VAKUUMREINIGUNG VON SCHWIMMBÄDERN UNTER DRUCKZUFUHR UND VEFAHREN

Title (fr)

ROBOT NETTOYEUR DE PISCINE A DEPRESSION ALIMENTE EN DEPRESSION, ET PROCEDE

Publication

EP 1303675 A1 20030423 (FR)

Application

EP 01949568 A 20010628

Priority

- FR 0102068 W 20010628
- FR 0009682 A 20000724

Abstract (en)

[origin: US7168120B2] An automatic swimming pool cleaning robot is disclosed, comprising a body, a suction head, an unstable valve, a suction pipe having an upper end, a recuperating filter connected to the upper end, and a venturi injector, wherein the unstable valve is activated to activate the robot. The robot combines the advantages of vacuum-fed robots and pressure-fed robots.

IPC 1-7

E04H 4/16

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1663 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0208547 A1 20020131; AT E303488 T1 20050915; AU 2001270697 B2 20051117; AU 7069701 A 20020205; CA 2416872 A1 20020131; DE 60113122 D1 20051006; DE 60113122 T2 20060629; EP 1303675 A1 20030423; EP 1303675 B1 20050831; ES 2248355 T3 20060316; FR 2812015 A1 20020125; FR 2812015 B1 20030124; NZ 524132 A 20040827; RU 2271425 C2 20060310; US 2004010867 A1 20040122; US 7168120 B2 20070130; ZA 200301419 B 20040312

DOCDB simple family (application)

FR 0102068 W 20010628; AT 01949568 T 20010628; AU 2001270697 A 20010628; AU 7069701 A 20010628; CA 2416872 A 20010628; DE 60113122 T 20010628; EP 01949568 A 20010628; ES 01949568 T 20010628; FR 0009682 A 20000724; NZ 52413201 A 20010628; RU 2003104011 A 20010628; US 33379503 A 20030716; ZA 200301419 A 20030221