

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