Title (en)

POOL CLEANING ROBOT AND A METHOD FOR EXTRACTING THE POOL CLEANING ROBOT FROM A POOL

Title (de)

SCHWIMMBECKENREINIGUNGSROBOTER UND VERFAHREN ZUR EXTRAKTION DES SCHWIMMBECKENREINIGUNGSROBOTERS AUS EINEM SCHWIMMBECKEN

Title (fr)

ROBOT DE NETTOYAGE DE PISCINE ET PROCÉDÉ PERMETTANT D'EXTRAIRE LE ROBOT DE NETTOYAGE DE PISCINE D'UNE PISCINE

Publication

EP 3228782 A1 20171011 (EN)

Application

EP 17162375 A 20170322

Priority

- US 201615089606 A 20160404
- US 201615231200 A 20160808
- US 201615231396 A 20160808
- US 201615231431 A 20160808

Abstract (en)

A method for performing a pool exit process for extracting a pool cleaning robot from a pool, the method may include moving the pool cleaning robot (200,20) at a path that leads outside the pool; and forcing, during at least a part of the moving of the pool cleaning robot, water (10,501,691) to exit the pool cleaning robot by rotating an impeller (651) of the pool cleaning robot.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP)

E04H 4/1654 (2013.01)

Citation (applicant)

- IL 2013051055 W 20131222
- US 2014230168 A1 20140821 - BEN DOV BOAZ [IL], et al
- US 201314023557 A 20130911

Citation (search report)

- [XI] EP 1785552 A2 20070516 - BERNINI FABRIZIO [IT]
- [XI] EP 2860329 A1 20150415 - MAYTRONICS LTD [IL]
- [I] US 2015314453 A1 20151105 - WITELSON SHAY [IL], et al
- [A] US 2014014140 A1 20140116 - CORREA WILLIAM LONDONO [US]
- [A] EP 1489249 A2 20041222 - MAYTRONICS LTD [IL]
- [A] US 2014015959 A1 20140116 - DURVASULA KAMESHWAR [US], et al
- [XA] WO 2016026059 A1 20160225 - MUELLER PETER A [CH]

Cited by

CN112096133A; WO2023187592A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3228782 A1 20171011; **EP 3228782 B1 20220525**; EP 3228783 A1 20171011; EP 3228784 A1 20171011; EP 3228784 B1 20230607; EP 3228784 C0 20230607; EP 3228785 A1 20171011; EP 3228785 B1 20211117; ES 2905270 T3 20220407; ES 2954602 T3 20231123

DOCDB simple family (application)

EP 17162375 A 20170322; EP 17162376 A 20170322; EP 17162377 A 20170322; EP 17162378 A 20170322; ES 17162377 T 20170322; ES 17162378 T 20170322