

Title (en)  
SYSTEM FOR MAINTAINING A POOL CLEANING ROBOT

Title (de)  
SYSTEM ZUR WARTUNG EINES SCHWIMMBECKENREINIGUNGSROBOTERS

Title (fr)  
SYSTÈME DE MAINTENANCE D'UN ROBOT DE NETTOYAGE DE PISCINE

Publication  
**EP 3228784 A1 20171011 (EN)**

Application  
**EP 17162377 A 20170322**

Priority  

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

Abstract (en)  
A system for maintaining a pool cleaning robot (20), the system may include a cover (202), a cleaning unit (610) that is positioned within a space (200) and a cover manipulator, wherein the cover manipulator is configured to move the cover between a first position in which the cover prevents the pool cleaning robot from entering the space and a second position in which the cover defines an opening through which the pool cleaning robot passes to enter the space.

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)  

- [X] EP 2860329 A1 20150415 - MAYTRONICS LTD [IL]
- [X] FR 2742351 A1 19970620 - HEXAGONE [FR]
- [XAI] US 2015314453 A1 20151105 - WITELSON SHAY [IL], et al
- [XAI] US 2014263087 A1 20140918 - RENAUD BENOIT JOSEPH [US], et al
- [X] EP 1785552 A2 20070516 - BERNINI FABRIZIO [IT]
- [XI] WO 2016026059 A1 20160225 - MUELLER PETER A [CH]
- [A] US 2005076427 A1 20050414 - PANSINI ANDREW L [US]

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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