

Title (en)

POOL CLEANING ROBOT HAVING A FILTERING UNIT AND A SENSOR

Title (de)

SCHWIMMBECKENREINIGUNGSROBOTER MIT FILTRIERUNGSEINHEIT UND EINEM SENSOR

Title (fr)

ROBOT DE NETTOYAGE DE PISCINE COMPORTANT UNE UNITÉ DE FILTRAGE ET UN CAPTEUR

Publication

EP 3480391 A1 20190508 (EN)

Application

EP 18170431 A 20180502

Priority

- US 201815961911 A 20180425
- EP 17199823 A 20171103

Abstract (en)

A pool cleaning robot (100) that may include a filtering unit (170) for filtering fluid that passes through the filtering unit; a calorimetric sensor (62) for sensing a cleanliness related parameter of the filtering unit while the pool cleaning robot is submerged in the fluid; and a controller (101) that is configured to at least assist in determining, based on the cleanliness related parameter of the filtering unit, a cleanliness of the filtering unit.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP)

E04H 4/1654 (2013.01)

Citation (applicant)

- US 6965814 B2 20051115 - HADARI YAIR [IL]
- US 9133639 B2 20150915 - BEN-DOV BOAZ [IL], et al
- US 201314023544 A 20130911

Citation (search report)

- [AD] US 6965814 B2 20051115 - HADARI YAIR [IL]
- [A] US 2016305144 A1 20161020 - MAGGENI YOHANAN [IL], et al
- [A] US 2009282627 A1 20091119 - PORAT JOSEPH [US]

Cited by

US2022043450A1; EP4417773A1

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 3480391 A1 20190508; EP 3480391 B1 20200826; ES 2834068 T3 20210616

DOCDB simple family (application)

EP 18170431 A 20180502; ES 18170431 T 20180502