

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 3318702 A1 20180509 (EN)**

Application

**EP 17199823 A 20171103**

Priority

US 201662416710 P 20161103

Abstract (en)

A pool cleaning robot that may include a filtering unit (170) for filtering fluid that passes through the filtering unit; a calorimetric sensor (61) 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

WO2022029718A1

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 3318702 A1 20180509; EP 3318702 B1 20200624**; ES 2806802 T3 20210218

DOCDB simple family (application)

**EP 17199823 A 20171103**; ES 17199823 T 20171103