

Title (en)

Device for detecting the clogging of a swimming-pool filter and related method

Title (de)

Vorrichtung zur Verschmutzungserkennung eines Schwimmbadfilters, und entsprechendes Verfahren

Title (fr)

Dispositif de détection d'encrassement d'un filtre pour piscine et procédé associé

Publication

EP 2568096 B1 20170614 (FR)

Application

EP 12183458 A 20120907

Priority

FR 1102716 A 20110907

Abstract (en)

[origin: EP2568096A1] The device has a filtration assembly (5) comprising a filter. A pump assembly (7) allows circulation of water of a swimming pool through the filtration assembly. A sensor measures depression near the filtration assembly. A home automation case is connected to the sensor such that the sensor returns a value greater than a threshold of depression. The case outputs a signal indicating that cleaning or replacing of the filter is to be needed. The threshold of depression lies between 20 millibars and 75 millibars according to a position of the sensor. An independent claim is also included for a method for detection of clogging of a filter pertaining to a filtration unit of a swimming pool.

IPC 8 full level

E04H 4/12 (2006.01); **E04H 4/14** (2006.01); **E04H 4/16** (2006.01); **F04D 29/70** (2006.01); **G01M 3/26** (2006.01); **G01N 27/22** (2006.01)

CPC (source: EP)

E04H 4/12 (2013.01); **E04H 4/1209** (2013.01); **E04H 4/1272** (2013.01); **F04D 15/0088** (2013.01); **F04D 29/708** (2013.01)

Cited by

FR3099382A1

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

DOCDB simple family (publication)

EP 2568096 A1 20130313; **EP 2568096 B1 20170614**; FR 2979656 A1 20130308; FR 2979656 B1 20140718

DOCDB simple family (application)

EP 12183458 A 20120907; FR 1102716 A 20110907