

Title (en)

Filter unit for a pool cleaning robot

Title (de)

Filterereinheit für einen Beckenreinigungsroboter

Title (fr)

Unité de filtration pour un robot de nettoyage pour piscine

Publication

EP 1947268 A2 20080723 (EN)

Application

EP 08155567 A 20060803

Priority

- EP 06766211 A 20060803
- US 19673705 A 20050804

Abstract (en)

A filter unit (140) for use with a pool cleaning robot (10) comprising a bottom panel (144) having at least one robot inlet (125), and a rigid frame (146) having frame walls (154,156), one of the frame walls being a top wall, and all other frame walls being disposed substantially transverse to the bottom panel and extending between the top wall of the frame and the bottom panel. At least a part of one of the frame walls (154,156) constitutes a filter (150) detachably secured to the frame. The frame and at least a portion of the bottom panel define therebetween an enclosed volume in fluid communication with at least one of the robot inlets (125).

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1654 (2013.01 - EP US)

Citation (applicant)

US 2002104790 A1 20020808 - LINCKE STEVEN L [US]

Cited by

CN111962926A; DE102014013109A1; DE102014017366A1; WO2016083260A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007015251 A2 20070208; WO 2007015251 A3 20070510; AT E444423 T1 20091015; AT E458881 T1 20100315; AU 2006274549 A1 20070208; DE 602006009544 D1 20091112; DE 602006012499 D1 20100408; EP 1915496 A2 20080430; EP 1915496 B1 20100224; EP 1947265 A2 20080723; EP 1947265 A3 20080730; EP 1947266 A2 20080723; EP 1947266 A3 20080730; EP 1947267 A2 20080723; EP 1947267 A3 20080730; EP 1947268 A2 20080723; EP 1947268 A3 20080813; EP 1947268 B1 20090930; US 2007028405 A1 20070208; US 2008128343 A1 20080605; US 2009045110 A1 20090219

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