

Title (en)

Pool cleaning robot

Title (de)

Beckenreinigungsroboter

Title (fr)

Robot de nettoyage pour piscine

Publication

EP 1947266 A3 20080730 (EN)

Application

EP 08155563 A 20060803

Priority

- EP 06766211 A 20060803
- US 19673705 A 20050804

Abstract (en)

[origin: WO2007015251A2] A pool cleaning robot comprising a frame, at least one inlet, at least one outlet, and a motor carrying module. The robot further comprises a filter unit mountable to the frame. The filter unit has a filter bag with an inlet facing surface and an outlet facing surface. The robot further comprises a filter cavity formed between the outlet facing surface of the filter bag and the frame. The frame has an open area above the cavity. The open area faces the outlet and is designed for the insertion therethrough of the module into the filter cavity when the filter unit is mounted to the frame.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1654 (2013.01 - EP US)

Citation (search report)

- [X] EP 1022411 A2 20000726 - AQUAPRODUCTS INC [US]
- [X] GB 1199886 A 19700722 - MYERS ROBERT ROY [US]
- [X] US RE38479 E 20040330 - HENKIN MELVYN L [US], et al
- [X] DE 8714647 U1 19880303
- [X] WO 0250388 A1 20020627 - ZODIAC POOL CARE EUROPE [FR], et al

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

DOCDB simple family (application)

IL 2006000901 W 20060803; AT 06766211 T 20060803; AT 08155567 T 20060803; AU 2006274549 A 20060803; DE 602006009544 T 20060803; DE 602006012499 T 20060803; EP 06766211 A 20060803; EP 08155562 A 20060803; EP 08155563 A 20060803; EP 08155565 A 20060803; EP 08155567 A 20060803; US 19673705 A 20050804; US 28585008 A 20081015; US 6817108 A 20080204