

Title (en)

Pool cleaning robot

Title (de)

Beckenreinigungsroboter

Title (fr)

Robot de nettoyage pour piscine

Publication

EP 1947266 A2 20080723 (EN)

Application

EP 08155563 A 20060803

Priority

- EP 06766211 A 20060803
- US 19673705 A 20050804

Abstract (en)

A pool cleaning robot (10) comprising two side panels (14) and a front end therebetween and being adapted for moving generally parallel to the side panels. The robot is adapted for moving in a first direction which is perpendicular to an expected sidewall of the pool, and capable of moving in a second direction which is oriented at an acute angle to the first direction. At least one of the side panels comprises at least one projection (132) whose leading area is disposed remote from the robot and projects beyond any other part of the robot in the first direction, at least when the front end of the robot faces in the second direction.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1654 (2013.01 - EP US)

Citation (third parties)

Third party :

US 6226826 B1 20010508 - RICE CHRIS A [US], 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

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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