

(19)



(11)

EP 1 947 265 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
30.07.2008 Bulletin 2008/31

(51) Int Cl.:
E04H 4/16 (2006.01)

(43) Date of publication A2:
23.07.2008 Bulletin 2008/30

(21) Application number: **08155562.5**

(22) Date of filing: **03.08.2006**

(84) Designated Contracting States:
**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 States:
AL BA HR MK RS

(30) Priority: **04.08.2005 US 196737**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
06766211.4 / 1 915 496

(71) Applicant: **Maytronics Ltd.**
19350 D.N. Kibbutz (IL)

(72) Inventor: **GARTI, Efraim**
30900, ZICHRON YAAKOV (IL)

(74) Representative: **Minoja, Fabrizio**
Bianchetti Bracco Minoja S.r.l.
Via Plinio, 63
20129 Milano (IT)

(54) **Pool cleaning robot**

(57) A pool cleaning robot (10) adapted for climbing a sidewall of a pool. The robot comprises a bottom (27) and two side panels (14), and is adapted for moving in a direction substantially parallel to said side panels. At least

one of the side panels comprises a freely-rotating roller (136) being located adjacent to the bottom of the robot.

EP 1 947 265 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 08 15 5562

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 0 352 487 A (EGATECHNICS SRL [IT]) 31 January 1990 (1990-01-31) * column 4, line 30 - line 57; figure 6 * -----	1-4	INV. E04H4/16
X	US R E38 479 E1 (HENKIN MELVYN L [US] ET AL) 30 March 2004 (2004-03-30) * figures 4-7 * -----	1,4	
A	DE 87 14 647 U1 (BAUER, MICHAEL, 8752 MOEMBRIS, DE) 3 March 1988 (1988-03-03) * the whole document * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) E04H
Place of search The Hague		Date of completion of the search 11 June 2008	Examiner Zuurveld, Gerben
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

11

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 15 5562

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-06-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0352487	A	31-01-1990	AU 609622 B2	02-05-1991
			AU 3712089 A	04-01-1990
			IT 1217945 B	30-03-1990
			US 5001800 A	26-03-1991
			ZA 8904904 A	28-03-1990

US RE38479	E1	30-03-2004	NONE	

DE 8714647	U1	03-03-1988	NONE	
