



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
23.07.2008 Bulletin 2008/30

(51) Int Cl.:
A47L 5/36 (2006.01) A47L 9/28 (2006.01)

(43) Date of publication A2:
11.07.2007 Bulletin 2007/28

(21) Application number: **06121185.0**

(22) Date of filing: **25.09.2006**

(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: **06.01.2006 KR 20060001920**

(71) Applicant: **Samsung Electronics Co., Ltd.**
Suwon-si, Gyeonggi-do 442-743 (KR)

(72) Inventors:
• **Lee, Jun Hwa**
Manan-gu, Anyang-si
Gyeonggi-do (KR)
• **Joo, Jae Man**
Yeongtong-gu, Suwon-si
Gyeonggi-do (KR)

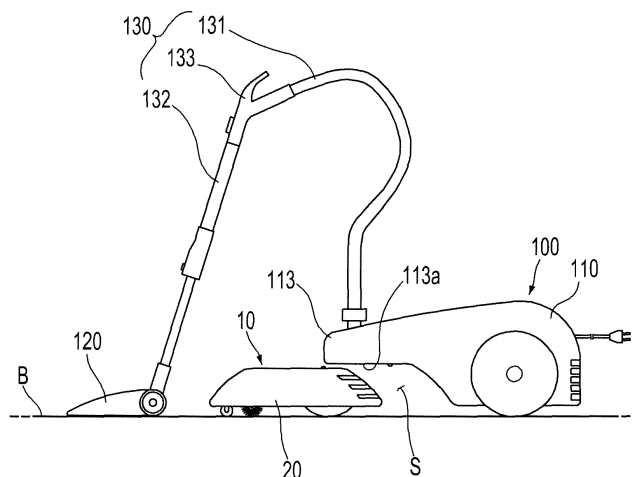
(74) Representative: **Grünecker, Kinkeldey,**
Stockmair & Schwanhäusser
Anwaltssozietät
Leopoldstrasse 4
80802 München (DE)

(54) **Robot cleaning system**

(57) A robot cleaning system having a general cleaning function using a cleaner (100) and a cleaning robot (10) charging function using a cleaning robot. The robot cleaning system includes a cleaner (100) that performs manual cleaning while being moved by a user in an area to be cleaned and a charger (140) to be connected to the cleaning robot (10) that performs automatic cleaning, so

as to charge a rechargeable battery (60) mounted in the cleaning robot (10). A body of the cleaner has a space (S) for receiving the cleaning robot (10) when the cleaning robot (10) returns to the cleaner (100) for the sake of charging. A power terminal (141) is provided at a surface of the body defining the receiving space (S) to supply electric power to the cleaning robot (10).

FIG. 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 12 1185

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	ES 2 238 196 A1 (ELECTRODOMESTICOS TAURUS S L [ES]) 16 August 2005 (2005-08-16) * column 1, line 61 - column 2, line 5 * * column 2, line 67 - column 4, line 5 * * column 4, line 27 - line 33 * * figures 2,3 *	1-10	INV. A47L5/36 A47L9/28
A	----- JP 2003 180587 A (SHARP KK) 2 July 2003 (2003-07-02) * abstract; figures 13,4 *	1-10	
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			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 June 2008	Examiner Baumgärtner, Ruth
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 06 12 1185

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
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