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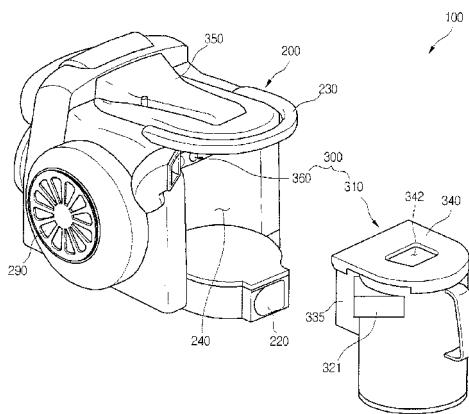
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(54) Vacuum cleaner with mounting unit for dust storage chamber

(57) A vacuum cleaner is provided. The vacuum cleaner (100) includes a main body unit (200) having a driving unit (210) for generation suction; a main body; a dust separation unit (300) that is provided in the main body to separate dusts from air and provided with a dust exhaust portion (290) through which the separated dusts are exhausted; a dust storage chamber (310) that is provided with a dust inflow portion through which the dusts exhausted from the dust exhaust portion is introduced; and a mounting unit (240) that is formed on the main body (200) and on which the dust storage chamber (310) is mounted, wherein the dust exhaust portion and the dust inflow portion contact each other by a pressing force by which the dust storage chamber (310) is mounted on the mounting unit (240), thereby preventing the air from leaking.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
EP 06 12 5560

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 2002/124538 A1 (OH JANG-KEUN [KR] ET AL) 12 September 2002 (2002-09-12) * paragraphs [0022], [0026], [0027], [0030], [0032], [0034], [0044] *	1-3,5, 14,15 4,6-13	INV. A47L9/16 A47L9/14
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X	GB 2 377 881 A (SAMSUNG KWANGJU ELECTRONICS CO [KR]) 29 January 2003 (2003-01-29) * page 7, lines 7-11 * * page 8, line 5 - page 9, line 4 *	4,6-13	
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A	WO 01/35809 A (LG ELECTRONICS INC [KR]; JEONG WON CHUL [KR]) 25 May 2001 (2001-05-25) * abstract *	-----	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
The present search report has been drawn up for all claims			
1	Place of search Munich	Date of completion of the search 2 October 2009	Examiner Eckenschwiller, A
CATEGORY OF CITED DOCUMENTS		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	
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			



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
see additional sheet(s)

- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 06 12 5560

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-15

Providing means for preventing the air from leaking between a dust separation unit and a dust storage chamber.

2. claims: 16-24

Providing a vacuum cleaner with efficient means for separating dust from the air.

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

EP 06 12 5560

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.

02-10-2009

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