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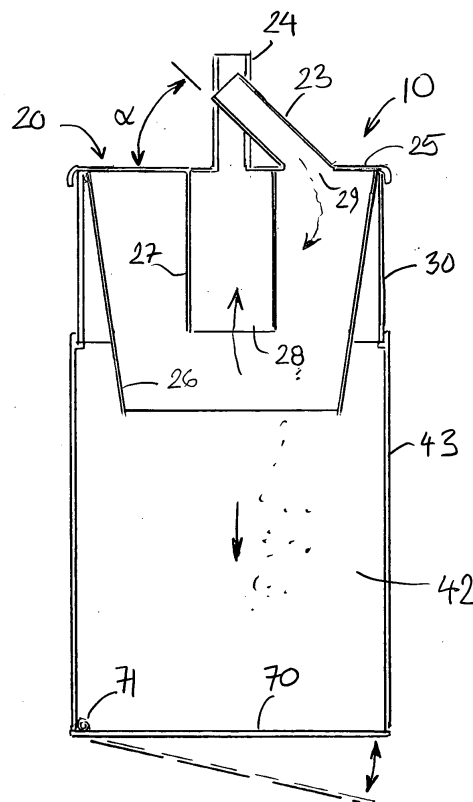
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(30) Priority: **10.11.2010 FI 20100372**

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(54) **Pre-separator**

(57) A pre-separator (10) to convey debris (11) to be sucked in by a vacuum cleaner (60) into a collection space (42) of the pre-separator, which pre-separator comprises a cyclone (20) to separate the debris and a tubular body (43) onto which a debris collection bag (40) is placed. The mouth of the collection bag is tightened by a tightening strap (41) against the external surface of the body.



**FIG. 2**

**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.  
This report shall be considered, for the purposes of  
subsequent proceedings, as the European search report

EP 11 39 6008

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	FR 2 633 507 A1 (SEIGREM SA [FR]) 5 January 1990 (1990-01-05) * page 6, line 21 - page 8, line 35 * -----	1-5	INV. A47L9/16 A47L9/14 A47L5/36 A47L7/00
X	EP 2 201 879 A2 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 30 June 2010 (2010-06-30) * paragraph [0027] * -----	1,3,5	
A		2,4	
A	US 6 221 135 B1 (WIRTH JR JOHN [US] ET AL) 24 April 2001 (2001-04-24) * column 2, line 46 - column 4, line 63 * -----	1-5	
			TECHNICAL FIELDS SEARCHED (IPC)
			A47L B01D
<b>INCOMPLETE SEARCH</b>			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search		Date of completion of the search	Examiner
Munich		14 June 2013	Eckenschwiller, A
CATEGORY OF CITED DOCUMENTS		<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 ..... &amp; : member of the same patent family, corresponding document</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>			

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EPO FORM 1503 03/82 (P04E07)



**INCOMPLETE SEARCH  
SHEET C**

Application Number  
EP 11 39 6008

Claim(s) completely searchable:  
1-5

Claim(s) not searched:  
6-9

Reason for the limitation of the search:

Following an invitation pursuant to Rule 62a(1) EPC of the search division, the applicant indicated that the search is to be carried out on the basis of amended claims 1-9 as filed with letter dated 08.05.2013. Amending the claims is however not allowable (Rule 137(1) EPC). Consequently the search is only carried out on the basis of orig. claims 1-5, as auxiliary requested by the application in that same letter.

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

EP 11 39 6008

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.

14-06-2013

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