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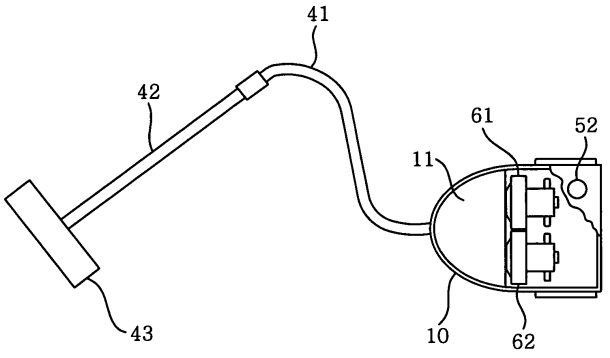
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(54) **Vacuum cleaner**

(57) A vacuum cleaner (10) includes a first (61) and a second (62) electric blower for generating a suction force, wherein a sum of maximum input levels or maximum power consumptions of the first and the second electric blower is set to be about 1600 W or greater. Further, respective suction inlets of the first and the second electric blower (61,62) are respectively communicated with a dust chamber (11) of a vacuum cleaner main body, and the first and the second electric blower are installed in parallel to each other in an air duct of the vacuum cleaner.

FIG. 1



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EUROPEAN SEARCH REPORT

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EP 06 01 4619

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 Y	DE 198 02 711 A1 (WAP REINIGUNGSSYSTEME [DE]) 29 July 1999 (1999-07-29) * the whole document *	1,4-6 2,3	INV. A47L9/22 A47L5/22 H02P5/00
Y	DE 948 636 C (F A M ALE COUPERUS) 6 September 1956 (1956-09-06) * page 1, left-hand column, line 3 - line 5; figure 1 *	2	A47L9/28
Y	US 5 920 953 A (SHERO WILLIAM K [US]) 13 July 1999 (1999-07-13) * column 5, line 10 - line 16 *	3	

TECHNICAL FIELDS SEARCHED (IPC)

H02P
A47L

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	24 January 2007	Özsoy, Sevda

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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24-01-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19802711 A1	29-07-1999	NONE	
DE 948636 C	06-09-1956	BE 528468 A NL 77364 C NL 178074 B	
US 5920953 A	13-07-1999	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82