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(54) **Device for cleaning fine and uneven surfaces, especially Venetian blinds, of dust**

(57) Device for cleaning fine and uneven surfaces, especially Venetian blinds, of dust, that contains a body (1) which is hollow, has a shape of the letter C and whose inner space is divided by a dividing wall (4) into a suction channel (5) and an exhaust channel (6), which are interconnected through chambers located at the ends of the hollow body (1) and in which turbines (7) are mounted on bearings (8) and to which carriers (9) of a rotary brush

(10) are attached, the rotary brush (10) being inserted into the carriers (9) such that it interconnects the ends of the hollow body (1); an outlet nozzle (3) is positioned at an outer side of the hollow body (1) and a suction nozzle (2) at an inner side of the hollow body (1), wherein the suction nozzle (2) is equipped with at least one opening for sucking an air stream with dust or other dirt from the cleaned object.

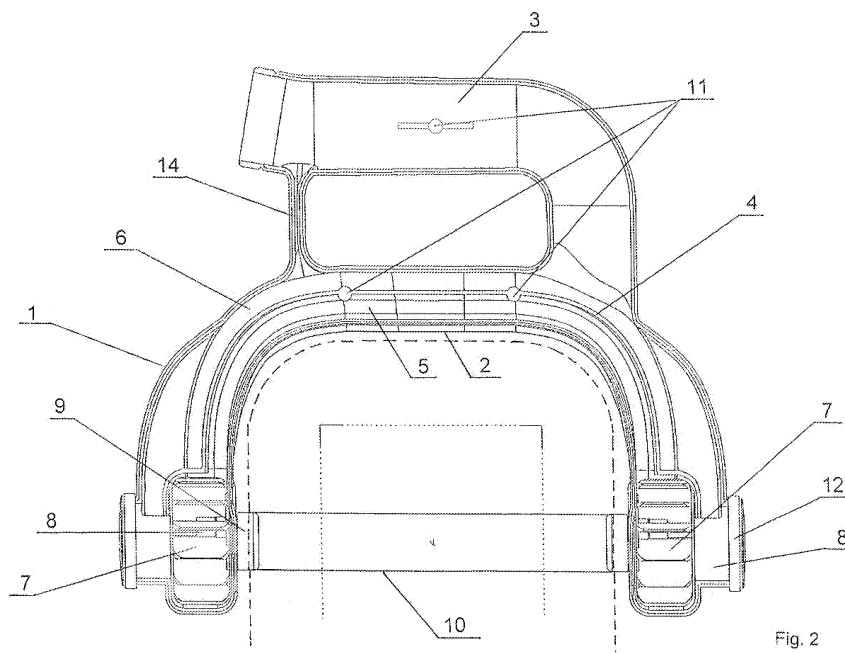


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
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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,P	WO 2006/133119 A2 (KERTZ M GLEN [US]) 14 December 2006 (2006-12-14) * the whole document *	1,8	INV. A47L4/00 A47L7/02 A47L9/04
A	US 2 777 152 A (COSENTINO VICTOR M) 15 January 1957 (1957-01-15) * the whole document *	1	
A	US 2 812 155 A (WOODRUFF OSCAR G) 5 November 1957 (1957-11-05) * the whole document *	1	
A	AT 364 485 B (LEX FRANZ ING.) 27 October 1981 (1981-10-27) * the whole document *	1,2,8	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A47L
Place of search		Date of completion of the search	Examiner
Munich		20 February 2009	Baumgärtner, Ruth
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			

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

EP 07 12 1188

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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20-02-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2006133119 A2	14-12-2006	NONE	
US 2777152 A	15-01-1957	NONE	
US 2812155 A	05-11-1957	NONE	
AT 364485 B	27-10-1981	DE 3167386 D1	10-01-1985
		EP 0041936 A1	16-12-1981
		JP 57029323 A	17-02-1982
		US 4419784 A	13-12-1983