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(54) Brush roll for a vacuum cleaner

(57) A vacuum cleaner brush roll (13) having a core with a cylindrical outer surface (16). The core has a series of recesses (18) in which brush tufts (19) are secured. A minor part of the length of the brush tuft (19) extends, when not under load, outside the roll outer sur-

face (16) and the brush tuft (19) is fixed at the bottom of the associated recess (18). The recess is shaped such that a portion of the brush tuft disposed within the recess can be moved in a direction perpendicular to the tuft length direction.

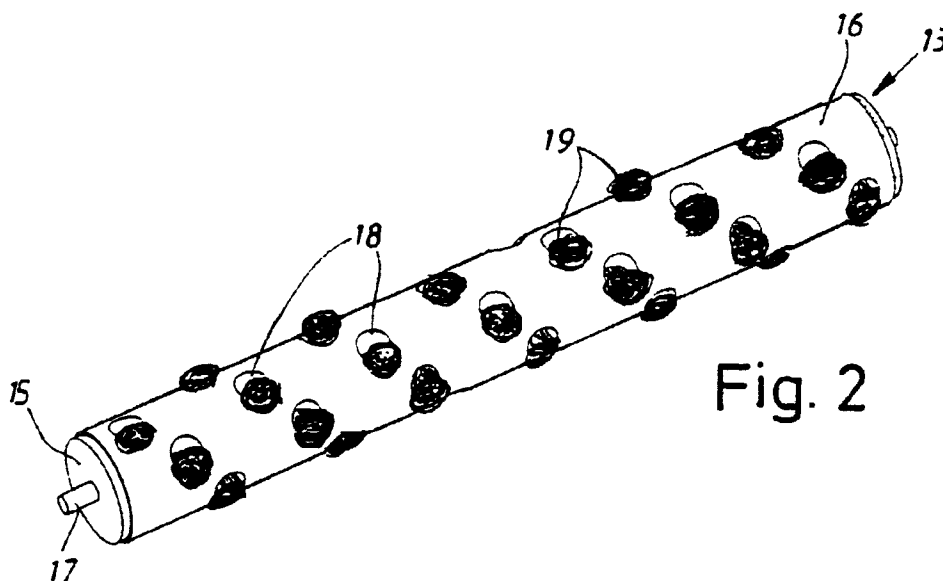


Fig. 2



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 85 0058

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 4 430 768 A (NOVINGER,H.E.) 14 February 1984 * column 3, line 66 - column 4, line 11 * * column 4, line 56 - column 5, line 6; claims 1-3 *	1,2	A47L9/04
A	* figures 1,3-7 * ---	4,5	
A	US 4 654 927 A (NOVINGER,H.E.) 7 April 1987 * column 5, line 46 - column 6, line 37; claim 2; figure 4 * ---	1,2	
A	DE 32 29 786 A (SIEMENS AG) 16 February 1984 * page 5 - page 7; claims 1-3; figures 1,2,4 * ---	1,2,4,5	
A	US 5 495 634 A (BRUNDULA,R.F. ET AL) 5 March 1996 * the whole document * ---	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 95, no. 4, 31 May 1995 & JP 07 008425 A (KOWA KK), 13 January 1995, * abstract * -----	1	TECHNICAL FIELDS SEARCHED (Int.Cl.6) A47L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 July 1998	Examiner Munzer, E
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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