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⑤④ **Multi-layer outer and inner filter dust bag arrangement for a vacuum cleaner.**

⑤⑦ A dust bag arrangement for a vacuum cleaner comprises a dual paper throwaway filter dust bag (24) located within and spaced from an outer triple filter bag (20). The outer bag comprises an inner layer (30) of latex-impregnated filter material, a middle layer (26) in the form of a filter flannel batt such as fiberglass, and an outer layer (28) of a support cloth material, such as cotton cloth. The dirt laden air entering the inner layer of the dual layer throwaway paper filter bag passes through both layers and the space between the paper filter bag and the outer bag and penetrates through the triple-layer outer bag to be expelled into the room atmosphere in a cleaned condition. The filter bag arrangement traps and retains more than 99% of the dirt, debris and bacteria that goes into the vacuum cleaner.

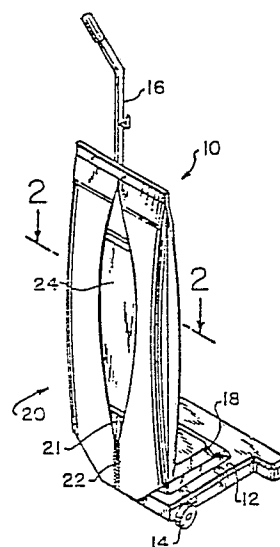


FIG.1

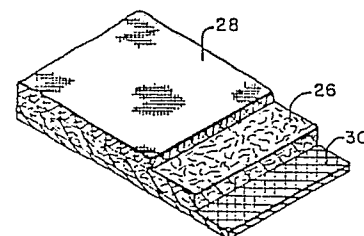


FIG.3



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 87 85 0336

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.4)
A,D	US-A-4 116 648 (BUSCH) * Whole document *	1,2	A 47 L 9/14
A	US-A-2 813 596 (VOIGTMAN et al.) * Column 5, lines 10-31 *	1,4	
A	EP-A-0 161 790 (MINNESOTA MINING AND MANUFACTURING CO.)		
A	US-A-3 859 064 (CORDELL)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 47 L B 01 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-08-1988	Examiner RAYBOULD B.D.J.
<b>CATEGORY OF CITED DOCUMENTS</b>			
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	