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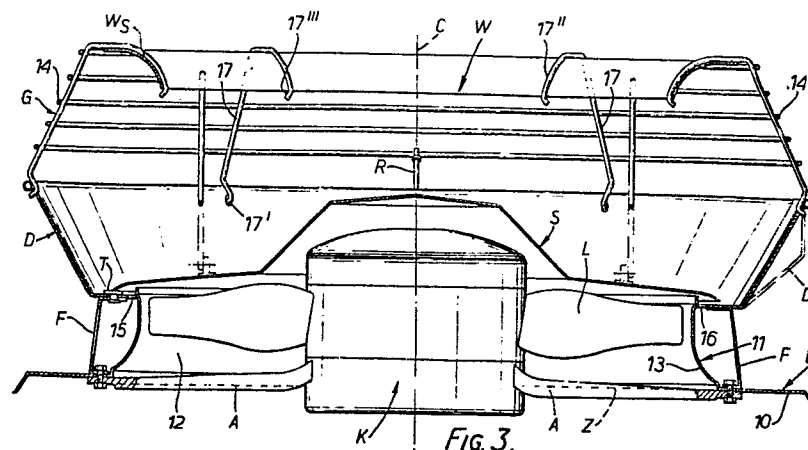
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54 Improvements relating to ventilators.

57 A powered, direct discharge ventilator comprises a base (B) having an extraction fan duct defined by a cylindrical wall portion (11) enclosing a fan impeller (not shown) of a fan (K) mounted on the base. A shallow windshield (D) shelters a non-return shutter (S) which closes the extraction fan duct when the fan is not operating. The shutter (S) is hinged on a pair of arms (H) to float up on the discharging airstream to take up the position shown chain-dotted in Figure 1 when the fan is operated. When the fan is stopped, the shutter (S)

closes gravitationally. To assist in holding the shutter (S) closed under high wind conditions, a wind deflector (W), carried by a bird-guard (G), directs the wind in a downwardly directed stream onto the top of the shutter (S). Where a much higher windshield is used, the wind deflector acts in a similar manner to prevent any reduction of pressure within the windshield due to the "wind-over effect" lifting the non-return shutter.





European Patent
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EUROPEAN SEARCH REPORT

0050488

Application number

EP 81 30 4827

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. *)
X	US-A-2 492 242 (J.B.SHAVER) *Figure 4; column 4, lines 37-48*	1	F 24 F 7/02
Y	--	2,6	
Y	GB-A-1 151 191 (COLT LTD.) *Figure 1*	2,6	
A	GB-A-1 061 188 (COLT LTD.) *Figure 1*	4,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. *)
			F 24 F F 23 L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-06-1982	Examiner BEINDORFF W.H.
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	