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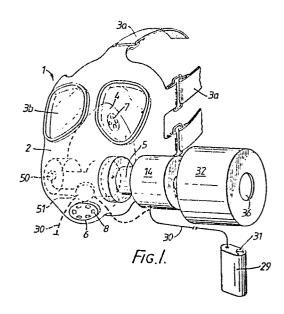
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- (54) Improvements in and relating to respirators.
- (57) The present invention relates to a pump module (14) for a powered air purifying respirator assembly including a facepiece (1) and a filter canister (32). The pump module (14) comprises a housing (15) having an air inlet (16) and an air outlet (17) and containing a fan (22) and motor (24). The pump module is designed to be mounted directly on an air purifying respirator facepiece (1) for powering the respirator, the module (14) being intended either to be interposed between the respirator facepiece (1) and a filter canister (32), which may otherwise be connected to the respirator, or to be connected to the inlet of the filter canister (32).

The fan (22) may be either an axial fan or a centrifugal fan, and the fan and motor may be arranged relative to the housing inlet (16) and outlet (17) so as to minimise the extent to which the module projects from the facepiece and/or so that the motor will at least in part counterbalance the weight of the filter canister (32) about the axis of the pump module housing outlet (17).





EUROPEAN SEARCH REPORT

EP 85 30 3668

DOCUMENTS CONSIDERED TO BE RELEVANT							
ategory	Citation of document with indication, where appr of relevant passages		opriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl 4)		
х	DE-A-1 803 868 (DRAX) * Page 1, paragraph 2; page 2; claim; figure 1 *			1,5,6		2 B 2 B	7/00 18/00
Y				2-4			
Y	DE-C- 694 423 (* Claims 1,2; fig		kG)	2,3			
Y	FR-A-2 322 618 (AUERGESELLSCHAFT) * Claim 1; figures 1,2 *			4			
A	EP-A-0 108 560 (LTD.) * Page 2, line			7-9	TF	CHNICA	L FIELDS
	1; figures 1-3 *	- -	,		SEA	ARCHED	(Int. Cl.4)
A,D	EP-A-0 094 757 (RACAL SAFE LTD.) * Figures 1-4; claims 1-3 *		ΓY	10	A 6	52 B	
Α -	DE-B-1 115 588 (DRAX) * Claim; figures *			1			
A	FR-A-2 097 508 * Claims 1-5; fi	- (HOUILLERS) gures 1-3 *		1,10			
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The present search report has been drawn up for all claims				-			•
Place of search Date of completion of the s THE HAGUE 08-04-1986				ERNS	Ex T R.T	aminer	
Y : [CATEGORY OF CITED DOCL particularly relevant if taken alone particularly relevant if combined w document of the same category technological background non-written disclosure	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 a: member of the same patent family, corresponding document					