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(54) **Improvements in gaseous fluid flow valves.**

(57) A gaseous fluid flow valve suitable for use in respiratory apparatus comprises a valve body (2) formed with an aperture (3) which is closed by a plate-like closure member (5). Spring biasing means (7), suitably in the form of a bowed spring (13), urge the closure member to the position in which it closes the aperture. Support means of the closure member constrain movement thereof to a predetermined path. To enable the force of the spring biasing means (7) on the closure member to be varied, the spring mounting means is adjustable. Where a bowed spring is employed the spring ends are supported in mountings secured to the valve body one or both of which is adjustable. Other spring configurations with adjustable mountings are referred to.

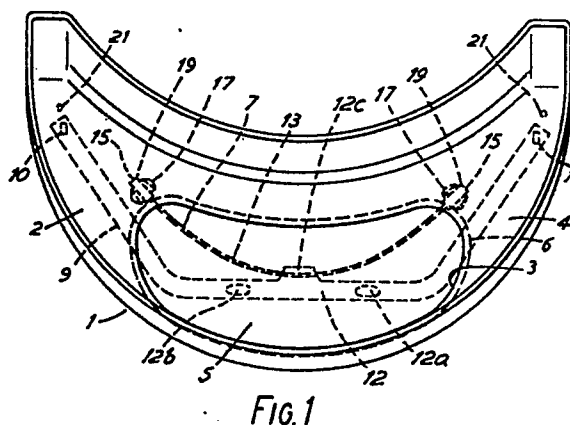


Fig. 1

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EP 87 30 6473

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)
P, Y	EP-A-0 225 744 (NATIONAL RESEARCH DEVELOPMENT) * Column 4, line 45 - column 5, line 28; claims 1,2; figures 2,3 *	1,2,3,4 ,8,9,10	A 62 B 18/10 F 16 K 15/02
Y	GB-A-2 087 732 (L.J. FEATHERS) * Summary; page 2, lines 19-83; figure 1 *	1,2,3,4 ,8,9,10	
A	GB-A- 602 187 (GARRET CORP.) * Page 4, lines 58-115; figure 8 *	1,10	
A	FR-A-2 076 779 (DELVERDIER) * Page 2, lines 13-35; figure 1 *	1,11	
A	GB-A-1 447 091 (D.G. ANDERSON)		
A	GB-A-2 145 336 (AUTOMATED PROCESS & CONTROL)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 62 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-02-1989	Examiner FONSECA Y FERNANDEZ 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			