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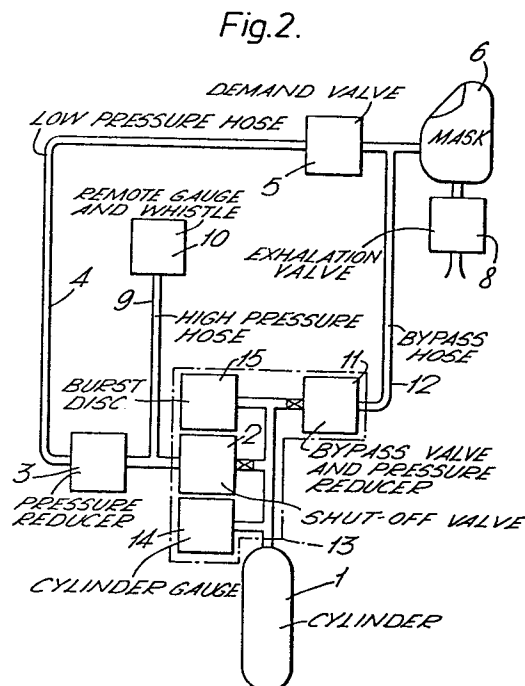
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54 **Breathing apparatus.**

57 A breathing apparatus includes two parallel flowpaths 4 and 12 through which breathing gas can be supplied independently from a cylinder 1 to a facemask 6. The first flowpath 4 includes a shut-off valve 2, pressure reducer 3 and demand valve 5 and provides the normal route through which the user of the apparatus is supplied. In the event of a failure or malfunction of any component of this normal breathing circuit, however, the first flowpath can be isolated by closing the valve 2 and the user can breathe through the second or bypass flowpath by opening a second shut-off valve 11 which has a combined pressure reducer and leads directly to the mask 6. The two valves 2 and 11, together with a cylinder pressure gauge 14 and a safety burst disc 15, are incorporated in a compact valve assembly 13 secured to the cylinder 1.





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. 3)
A	GB-A- 909 067 (DRAEGER) *Pages 1 and 2; figure 1*	1	A 62 B 7/00
A	GB-A- 940 581 (SIERRA) *Pages 2 and 3*	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			A 62 B A 61 M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-05-1982	Examiner WOHLRAPP R.G.
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	