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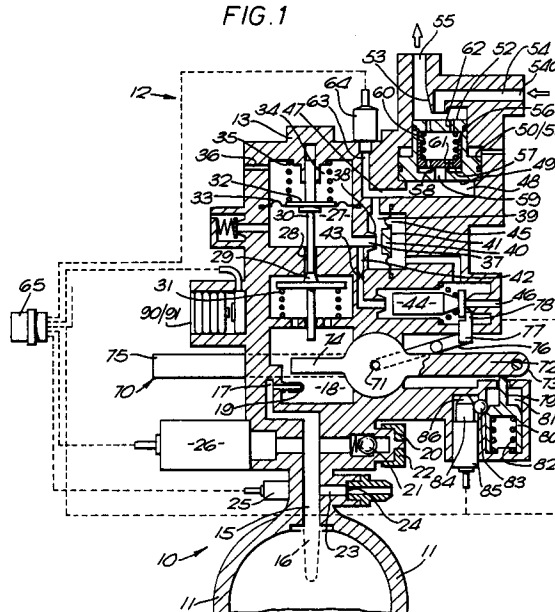
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FORRESTER & BOEHMERT
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W-8000 München 40(DE)(54) **Aircraft aircrew auxiliary oxygen bottle.**

(57) An auxiliary oxygen bottle (11) for an aircraft aircrew breathing system is provided with an operating head (12) having a selector valve (51) for connecting either an oxygen enriched breathable gas inlet passage (54) or an auxiliary oxygen inlet passage (15) to an outlet passage (55) which is adapted for connection to an aircrew breathing demand regulator. A lever assembly (70) is automatically actuated following aircraft cabin decompression for control of a servo-pressure controlled diaphragm valve (40) to effect movement of the selector valve (51) to a position in which auxiliary oxygen is delivered to the outlet passage (55). The lever assembly (70) may be manually operated by an aircrew member for selection of auxiliary oxygen or oxygen-enriched breathable gas but re-selection of oxygen-enriched breathable gas is inhibited following cabin decompression if the aircraft is operating above a predetermined altitude.

FIG. 1





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EUROPEAN SEARCH REPORT

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EP 90 30 1568

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.5)
A, D	GB-A-944 933 (NORMALAIR LTD) * page 2, line 33 - page 5, line 17; figures * ---	1, 11	A62B7/14 A62B9/02
A	US-A-3 521 627 (MURRAY) * column 1, line 48 - column 4, line 25; figures * ---	1, 11	
A	EP-A-0 125 447 (LITTON SYSTEMS) * page 3, line 17 - page 9, line 26; figures * -----	1, 11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A62B B64D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		08 APRIL 1992	ERNST R. T.
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			