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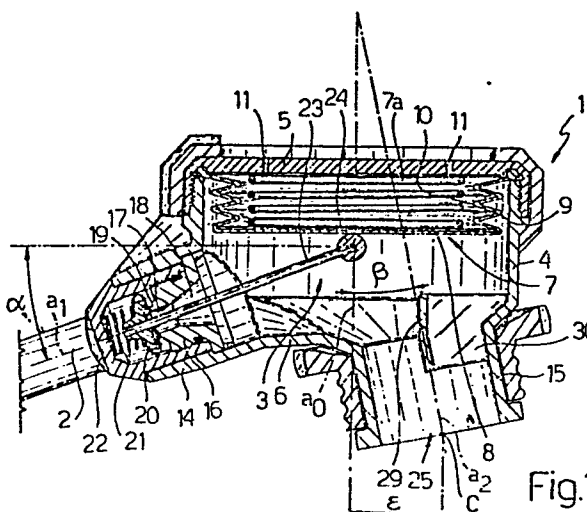
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(54) **Demand-valve for compressed-air breathing apparatus.**

(57) What shall be described is a demand-valve (1) for delivering air into a compressed-air breathing apparatus that comprises a substantially cylindrical chamber (3), a first entry-gate (14) for admitting air into the chamber, that presents a passage-opening – controlled by intercepting-means which comprise a blocking-element (20) that is mechanically connected to a deformable membrane (7), and a second entry-gate (15) predisposed for feeding-in said air. The device is characterized by the fact that, the axis (a_1) of said first-entry-gate forms a first angle (α) with the bottom-surface (8) of said chamber, and that the axis (a_2) of said second-exit-gate forms a second angle (β) with the lateral-surface (4) of the chamber; said two axes lying substantially on the same diametrical plane of said chamber.





EP 84105511.4

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)
A	<u>US - A - 3 626 974</u> (J.B. GARRISON) * Abstract; fig. 1 * --	1,2	A 61 M 16/00 A 62 B 9/02
A	<u>US - A - 3 358 680</u> (B. CHABANIER) * Fig. 4 * --	1,2	
A	<u>DE - B2 - 107 129</u> (SIEMENS AG) * Fig. 1 * --	1,10	
A	<u>DE - C - 611 420</u> (H. SANDVOSS) * Fig. * --	1,10	
A	<u>US - A - 4 253 455</u> (NETTELAND) * Abstract; fig. 2 * ----	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) F 16 K 27/00 F 16 K 31/00 A 61 M 16/00 A 62 B 9/00 G 05 D 16/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 16-12-1985	Examiner ROUSSARIAN
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			

