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**EUROPEAN PATENT APPLICATION**

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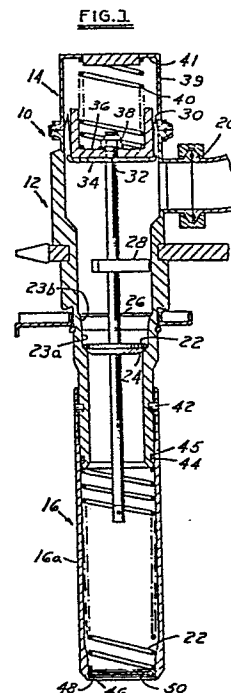
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54 Filler means for charging containers.

57 The drawings and description disclose a liquid filler arrangement including upper and main bodies (14, 12) and a lower sleeve nozzle (16) with a diaphragm assembly (30, 34, 36) mounted between the main and upper bodies and an inlet (20) formed in the side of the main body (12). Combined valve and orifice means are operatively positioned substantially at the juncture of the main body and the sleeve nozzle (16), and one of a diffuser (50), a lip seal, or a valve is located at the bottom end of the sleeve nozzle (16), each of which supports a column of liquid product, the diffuser (50) and lip seal by capillary action, and the valve by virtue of being closed. Upon a measured volume of liquid product being pumped into the side inlet by a remote time piston means, an equivalent measured volume is discharged from the sleeve nozzle through its diffuser or opened lip seal or valve into a container which may be mounted around the sleeve nozzle and filled as it is being pulled from around the sleeve nozzle by suitable external means.



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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)
Y	<u>DE - A - 2 358 157</u> (THIMONNIER & CIE)	1,2,5	B 65 B 39/00
A	* Totality *	6,13,14	B 65 B 3/22
	--		B 67 C 3/26
Y	<u>GB - A - 1 276 626</u> (APPLICATION DES GAZ)	1,2	
	* Fig. 2,4 *		
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Y	<u>US - A - 3 285 300</u> (MISTARZ)	1,5	
A	* Fig. *	7,11,13	
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A	<u>GB - A - 2 043 604</u> (O.C.M.E.)	1,5-8	
	* Totality *		
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A	<u>US - A - 3 012 700</u> (MAYER, JR)	1,2,5	
	* Totality *		
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A	<u>DE - A - 1 611 885</u> (SEEBERGER KG)	1	
	* Fig. 2 *		
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A	<u>US - A - 3 978 900</u> (MENCACCI et al.)	5-7,10,14	
	* Fig. 6-11, 13, 17-21 *		
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The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 07-09-1984	Examiner MELZER
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>GB - A - 1 368 558</u> (HORIX MANUFACTURING COMP.) * Totality * ---	12	
A	<u>GB - A - 1 570 102</u> (JAGENBERG-WERKE A.G.) * Totality * -----	12	
			TECHNICAL FIELDS SEARCHED (Int. Cl.)