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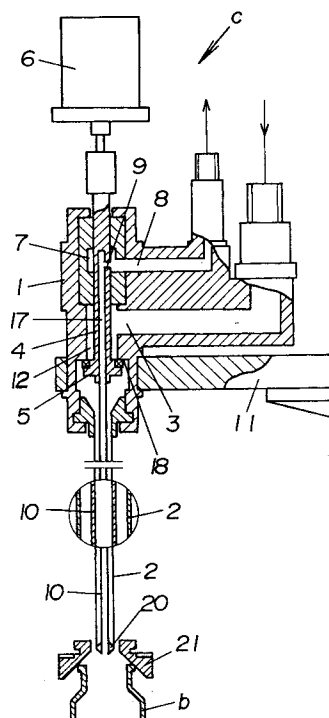
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Patentanwälte Schwabe, Sandmair, Marx
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D-81677 München (DE)(54) **Apparatus for charging viscous fluid and method of charging the same.**

(57) A delivery pipe 2 having an upper portion communicating with a supply chamber 12 for viscous fluid formed in a frame 1 and having an opened lower portion is allowed to hang from the lower portion of the frame 1, a fluid supply hole 3 connected to fluid supply means d is formed in one of the surfaces of the supply chamber 12 of the frame 1, a valve 5 is disposed in the supply chamber 12 of the frame 1 to allow and stop the flow of the fluid by the vertical movement of a valve rod 4 of the valve 5 realized by opening/closing means 6, a suction port 8 connected to suction means 19 and communicating with a draft hole 9 of a draft passage 17 of the valve rod 4 is formed in one of the surfaces of the suction chamber 7 in the frame 1, and a suction pipe 10 for sucking excess fluid is disposed in the delivery pipe 2 so that an apparatus and a method of charging viscous liquid are provided with which the viscous fluid can be charged into containers while uniforming the fluid levels even if the capacities of the containers are not the same.

FIG. 2

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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 93110608.2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	<u>US - A - 4 606 382</u> (BILLER et al.) * Fig. 2,4; column 3, lines 41-57 *	1, 3	B 65 B 3/26 B 67 C 3/02
A	--	4	
Y	<u>US - A - 4 254 804</u> (WADA et al.) * Fig. 1,2; column 2, line 43 - column 5, line 52*	1, 3	
A	--	4	
A	<u>US - A - 4 537 230</u> (SCHINDEL) * Fig. 1,2; claims 1-4 *	1, 2	
A	<u>US - A - 3 523 401</u> (HANSEN) * Fig. 2-5; column 1, lines 23-40 *	1-4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 65 B 3/00 B 67 C 3/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 07-10-1994	Examiner FIETZ
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			