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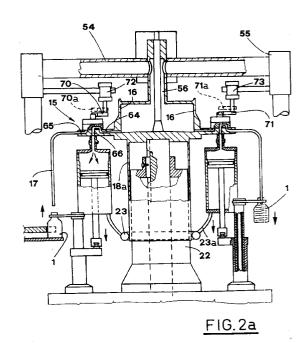
Bate of deferred publication of search report: 12.08.92 Bulletin 92/33 (1) Applicant: Marchesini, Maurizio Via Giardino, 4/4 I-40065 Pianoro (Bologna) (IT)

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### 64) Method and machine for filling containers with liquid products.

The method for the filling of containers with liquid products envisages that containers (1) to be filled are picked up by grippers (8) with jaws designed to grip the necks of said containers (1) and rotated by a carousel (3) which rotates about a vertical axis and which receives the containers (1) from feed units (2); the containers (1) are then raised vertically together with the grippers (8) in such a way that nozzles (17) of liquid dispensing units (9), carried by the carousel (3) over the grippers (8), are inserted into the mouths of the containers; the containers (1) are then gradually lowered while the liquid is being discharged into them by the nozzle (17); lastly the containers (1) are released when full and transferred to an outfeed system (10).





# **EUROPEAN SEARCH REPORT**

Application Number

EP 91 83 0490

Category	Citation of document with in of relevant pas	dication, where appropriate, sages	Relevant to claim		FICATION OF THE ATION (Int. Cl.5)
Y	US-A-4 108 221 (FRE * Column 2, lines 26	EIMUTH et al.) 5-56; figures 3,16 *	1	B 67 B 67	
Υ	US-A-4 363 649 (YAM	MATO et al.)	1		
A	EP-A-0 350 974 (SIN S.p.A.) * Column 2, line 12 12; figures *		1		
A	DE-A-3 903 768 (SE MASCHINENBAU AG) * Column 5, lines 1		1		
A	FR-A-2 502 606 (SE	ITZ-WERKE GmbH)	1		
					NICAL FIFLDS CHED (Int. Cl.5)
				B 67 B 65	
	The present search report has b	<u> </u>		<u></u>	
ТН	Place of search E HAGUE	Date of completion of the search 14-02-1992	MAR	Examun TINEZ	r NAVARRO A.
Y:pa do A:te	CATEGORY OF CITED DOCUME rticularly relevant if taken alone rticularly relevant if combined with an cument of the same category chnological background in-written disclosure	E: earlier patent do after the filing ( other D: document cited L: document cited	cument, but publiste in the application for other reasons	nlished on, o	



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	CLAIMS INCURRING FEES				
The present European patent application comprised at the time of filing more than ten claims.					
		All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.			
		Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid,			
		namely claims:			
[	_]	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.			
	1.4	ACK OF UNITY OF INVENTION			
The S		th Division considers that the present European patent application does not comply with the requirement of unity of			
		and relates to several inventions or groups of inventions,			
name	ely:				
Se	96	sheet -B-			
[		All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.			
1		Only part of the further search fees have been paid within the fixed time limit. The present European search			
		report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.			
		namely claims:			
	<u></u>	None of the further search fees has been paid within the fixed time limit. The present European search report			
!	- <del></del>	has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,			
		namely claims: 1			



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#### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

Taking into account the closest state of the art (document EP-A-0 350 974), basically the improvements disclosed in the present application are the following ones:

1. Claim 1 : The bottles are lowered gradually while the liquid is being discharged.

2. Claims 2-11: A plurality of ducts made in the platform of the carousel, a chamber mounted on that platform and a plurality of valves mounted circumferentially on the same plat-

form.

Both improvements are independent and different from each other, and are disclosed in two independent claims. Therefore, there is neither common inventive concept, nor unity of invention.