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EUROPEAN PATENT APPLICATION

21 Application number: 85830082.5

51 Int. Cl.⁴: **B 67 B 3/22**
B 65 B 7/28

22 Date of filing: 01.04.85

30 Priority: 09.04.84 IT 4800684

43 Date of publication of application:
05.02.86 Bulletin 86/6

88 Date of deferred publication of search report: 07.01.87

84 Designated Contracting States:
AT BE CH DE FR GB LI NL SE

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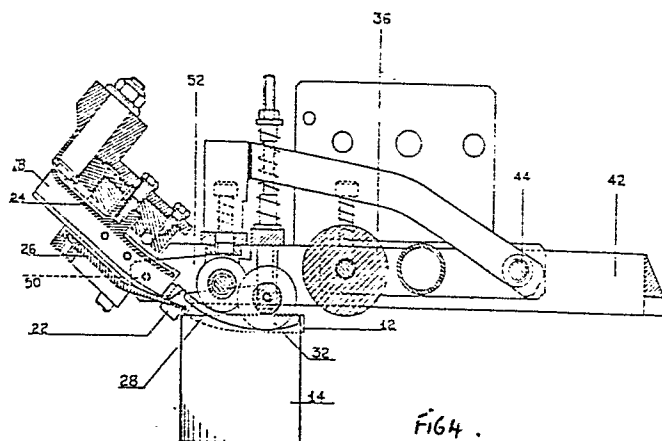
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54 **Picking up and closing unit for soft plastic caps, particularly for straight chamber capping machines.**

57 The picking up and closing unit for soft plastic caps (12) is particularly useful for straight chamber capping machines, in which the containers (14) to be closed are supplied in a continuous way, resting on a conveyor belt and pressed between two belts which proceed parallel to the conveyor belt at a certain distance from it, till a position in which each of them hooks with its upper edge the lower edge of a cap which leans out of a suitable feed guide entraining the cap with it, at first

under a picking up roller (28), then under a pressure roller (32) and finally under a finishing roller (36).

While the pressure roller (32) presses the cap centrally, a lower tab (26) of the feed guide keeps lifted up the back edge of the cap, making the air way out from the container to be closed easier and allowing the carrying out of a certain depression inside the closed container.





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)
Y	US-A-3 137 982 (DECKER) * Figures 1,2,4; column 3, lines 23-51; column 4, line 62 - column 5, line 21 *	1,3-5	B 67 B 3/22 B 65 B 7/28
Y	--- NL-A-6 500 411 (IMPERIAL CHEMICAL) * Page 2, line 20 - page 3, line 2 *	1,3-5	
A	--- US-A-4 122 649 (SAWVEL)		
A	--- US-A-3 214 887 (WELLER)		
A	--- US-A-2 734 673 (HAZEL)		TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	--- US-A-3 295 293 (LODDING)		B 67 B B 65 B
A	--- US-A-3 495 252 (HAMLIN) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24-10-1986	Examiner DEUTSCH J.P.M.
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	