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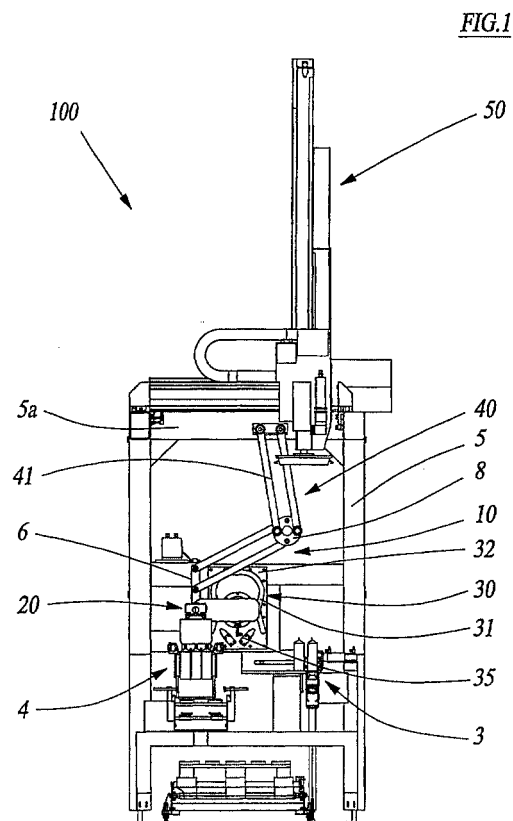
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(54) **Pick and place device for containers into packages**

(57) A pick and place device for containers (1) into packages or boxes (2) comprises: a frame (5); feeding conveyor means (3) for the containers (1); feeding transport means (4) for said packages (2); reciprocating means (10) comprising a first arm (11) routably pivoted to the frame (5) and a second arm (12) slidably supported by said first arm (11); picking means (20) of the containers (1) routably supported by an end of the second arm (12); cam means (30) fastened to the frame (5) and having at least one cam (31) for guiding the cam follower (13) fastened to the second arm (12) fit to reciprocally rotate between a picking condition (P) where the picking means (20) hook a plurality of the containers (1) supported by the feeding conveyor means (3) and a releasing condition (R) of the containers (1) in which these latter are released grouped inside the related package (2) supported by the feeding transport means (4).

The cam (31) has a quite reversed U shape so as to allow the picking means (20) to translate along the same vertical line in correspondence of the picking (P) condition and releasing (R) condition so picking and placing respectively the containers (1) at different or equal heights.





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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 1991

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>19 December 2001</b>	Examiner <b>Jagusiak, A</b>
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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