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(54) Process and device for the mechanical cleaning of beverage packings for recurrent usage

(57) A process and a device for the mechanical cleaning of beverage packings for recurrent usage made of glass or plastic is described, which consists of one or more washing cycles or zones and rinsing cycles or zones in a cleaning installation. The beverage packings for recurrent usage are subjected to a pre-treatment (7), before being conveyed to the actual cleaning installation. The beverage packings for recurrent usage are being sprayed via one or more spray nozzles (9,10,11) with an air-cleaning composition mixture in the form of a spraying mist, which enters through the opening (8) into the inside of the beverage packings for recurrent usage to be cleaned, where the spraying mist is spreading out evenly. The pre-treatment (7) makes certain that also tenacious contamination or a micro-organism like fungus or yeast is effectively removed in the cleaning installation.

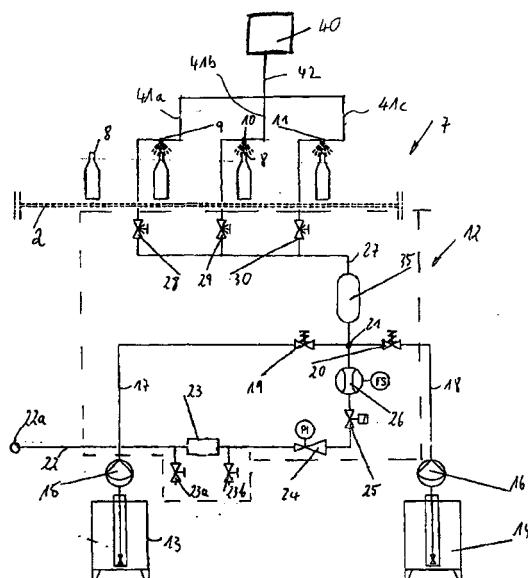


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 98 20 1131

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	19 November 1999		Leitner, J
CATEGORY OF CITED DOCUMENTS			
<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 & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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