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(71) Applicants:
• **UNILEVER N.V.**
3000 DK Rotterdam (NL)
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• **UNILEVER PLC**
London EC4P 4BQ (GB)
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(72) Inventors:
• **Laping, Karlheinz Diversey Lever**
97292 Kirchheimbolanden (DE)
• **Theysen, Holger Diversey Lever**
67292 Kirchheimbolanden (DE)
• **Schmidt, Michael G. Diversey Lever**
65185 Wiesbaden (DE)

(74) Representative:
Rosen Jacobson, Frans Lucas M. et al
Unilever N.V.,
Patent Division,
P.O. Box 137
3130 AC Vlaardingen (NL)

(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.

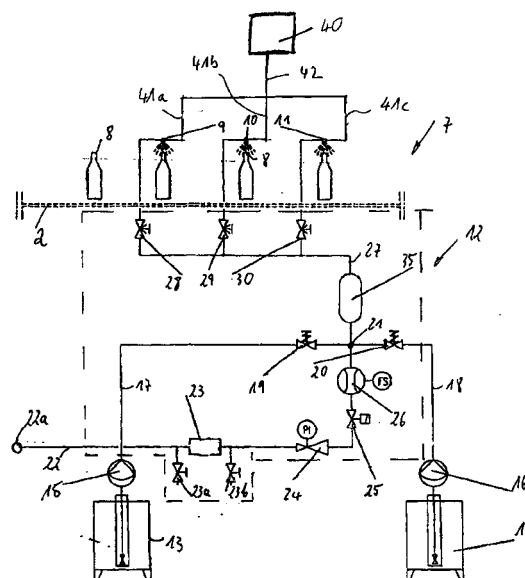


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 20 1131

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B08B
Place of search		Date of completion of the search	Examiner
THE HAGUE		19 November 1999	Leitner, J
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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