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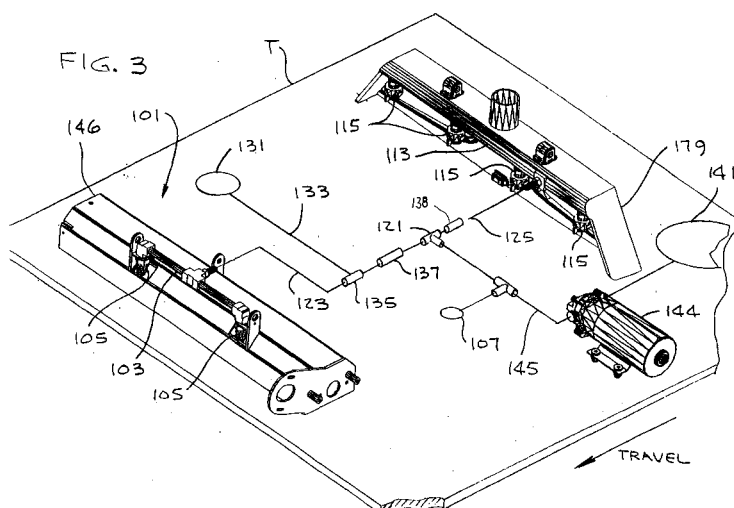
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(54) **Liquid extraction machine and method for cleaning floor surfaces**

(57) An extraction machine (101) for cleaning a floor surface, such as carpeting, has a cleaning solution dispenser capable of dispensing a cleaning solution onto the surface being cleaned and a diluting solution dispenser capable of dispensing a diluting solution onto the floor surface. The diluting solution is substantially different from the chemical cleaning solution. A recovery system is included for extracting a dirty solution from the floor surface. The cleaning solution dispenser, diluting solution dispenser and recovery system are arranged on the extraction machine (101) relative to each other such that as the extraction machine is moved over a

segment of the floor surface in a forward direction of travel of the machine, the cleaning solution dispenser passes over the segment prior to the diluting solution dispenser, dispensing cleaning solution to promote the removal of dirt from the floor surface segment. The diluting solution dispenser then passes over the segment of floor surface to promote suspension of the chemical solution and dirt in the diluting solution thereby forming the dirty solution. Finally, the recovery system passes over the segment of floor surface to extract the dirty solution from the floor surface, thereby leaving a cleaned floor surface.





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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 2995

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 9 October 2002	Examiner Martin Gonzalez, G
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