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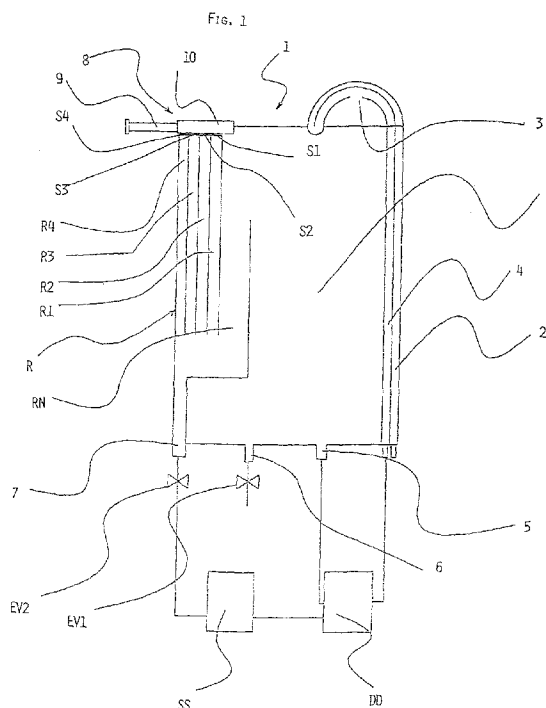
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(54) **Water softening system in a dishwashing machine**

(57) A water softening system in a dishwashing machine of the type comprising a decalcifier device of water from the mains, containing decalcifying resins, a salt container to produce a saline solution for regenerating the resins contained in the decalcifier device, a container for the metering of regeneration water having a plurality of tanks to supply volumetrically defined amounts of water to the salt container, for producing the regenerating saline solution, said tanks, which are so arranged to be filled up in parallel, being of the air trap type and having upper vents, whose opening determines the filling of said tanks. According to the invention, a selector (8) is provided, being integral with the container (1), which can take a plurality of working positions (V1, V2, V3, V4, V5), each one of said working positions (V1, V2, V3, V4, V5) corresponding to the opening of a different combination of vents (S1, S2, S3, S4) of the tanks (R1, R2, R3, R4).



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EUROPEAN SEARCH REPORT

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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.6)
A	DE 36 31 687 A (LICENTIA GMBH) 24 March 1988 * column 3, line 35 - column 6, line 22; figures 1-6 *	1,14	A47L15/42
A	EP 0 755 651 A (CANDY SPA) 29 January 1997 * column 4, line 56 - column 5, line 42; figures 1,2 *	1,14	
A	EP 0 570 872 A (AWECO KUNSTSTOFFTECH GERAETE) 24 November 1993 * abstract; figure 2 *	1,14	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47L
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		8 October 1998	Norman, P
<p>CATEGORY OF CITED DOCUMENTS</p> <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>			

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