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(54) Household washing machine, in particular a dishwasher, comprising an improved upper hydraulic circuit

- (57) The invention relates to a washing machine, in particular a dishwasher, of the type comprising a wash tub (10), a liquid supply duct (11) connected to a hydraulic outlet (70) located on a wall of said tub (10), and at least one upper rack (20) associated with an upper hydraulic circuit which comprises:
- a sprayer (30) made of plastic material;
- a tubular element (40) comprising a first end (41) and a second end (42);
- connection means (50) providing the hydraulic and mechanic connections between said first end (41) of the tubular element (40) and said sprayer (30); and
- a linking device (60) adapted to engage into said hydraulic outlet (70).

The invention is mainly **characterized in that** said linking device (60) comprises fins (66) adapted to be coupled to at least one rib (74) being present on the hydraulic outlet (70).

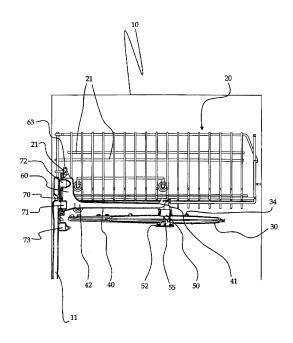


Fig.1

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EUROPEAN SEARCH REPORT

Application Number EP 10 18 0363

^- 4	Citation of document with indicat	tion, where appropriate,	Relevant	CLASSIFICATION OF THE	
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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		T : theory or principle E : earlier patent doo after the filing dat D : document cited ir L : document cited fo	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document oited in the application L: document oited for other reasons &: member of the same patent family, corresponding		



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	CLAIMS INCURRING FEES					
10	The present European patent application comprised at the time of filing claims for which payment was due.					
	Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):					
15	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.					
20	LACK OF UNITY OF INVENTION					
	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:					
25						
	see sheet B					
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	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.					
35	As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.					
	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:					
40						
45	None of the further search fees have been paid within the fixed time limit. The present European search					
	report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:					
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	The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).					
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LACK OF UNITY OF INVENTION SHEET B

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely: 10 1. claims: 1-5 A washing machine comprising a linking device having fins. 1.1. claims: 2-5 15 A washing machine comprising a bush and a sprayer made each from a different plastic material. 2. claims: 6, 7 20 A washing machine comprising a sprayer having an upper and a lower shell. 3. claims: 8-15 25 A washing machine comprising a rack adjustable to two different height positions. Please note that all inventions mentioned under item 1, although not 30 necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee. 35 40 45 50

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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