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(54) Device for compensating imbalance in washing machines with a spin phase

(57) The invention relates to a device for compensating the imbalance of the material for washing during the spin phase of a program-controlled washing machine, in which the wash drum (6) located in a wash tub (2) carries washing entrainment means (7) distributed over the internal circumference, said means being hollow in form, and one end face of which, facing the wash drum, is provided with filling openings (12) through which said entrainment means (7) may be filled with a counterbalancing mass of water. An automatic compensation during spinning without measurement of the imbalance is achieved according to the invention in that the filling openings (12) of the washing entrainment means (7) are located on a circular path around the axis of rotation (19) of the wash drum, in that the wall of the wash tub facing the filling openings is provided with a passage opening (16) for a jet (15) of counterbalancing water, and in that the passage opening is offset relative to the circular path of the filling openings (12) in such a way that, as the oppositely-oriented imbalance increases, the jet of counterbalancing water emerging from the passage opening (16) overlaps the filling opening (12) of the associated washing entrainment means to an increasing extent.

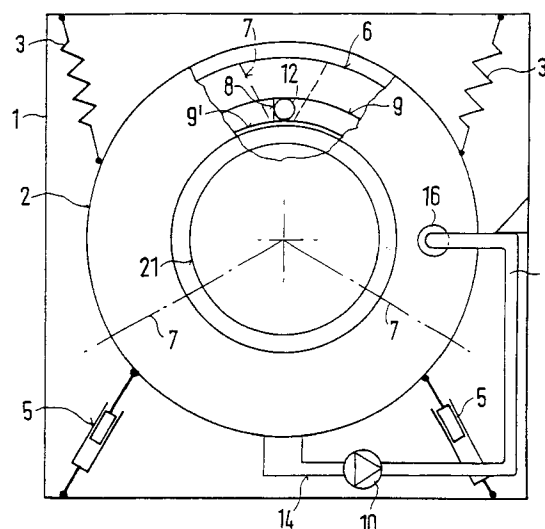


FIG. 1

EP 0 678 616 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 95 10 3722

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)
X	FR-A-2 152 256 (N.V. PHILIPS GLOEILAMPENFABRIEKEN) * page 3, line 13 - page 5, line 7; figures 1-3 *	1,2	D06F37/22
X	US-A-3 232 433 (WHIRLPOOL CORPORATION) * column 4, line 10 - line 66; figures *	1,2	
A	US-A-3 119 773 (WHIRLPOOL CORPORATION) * claims; figures *	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 February 1996	Examiner Courrier, G
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