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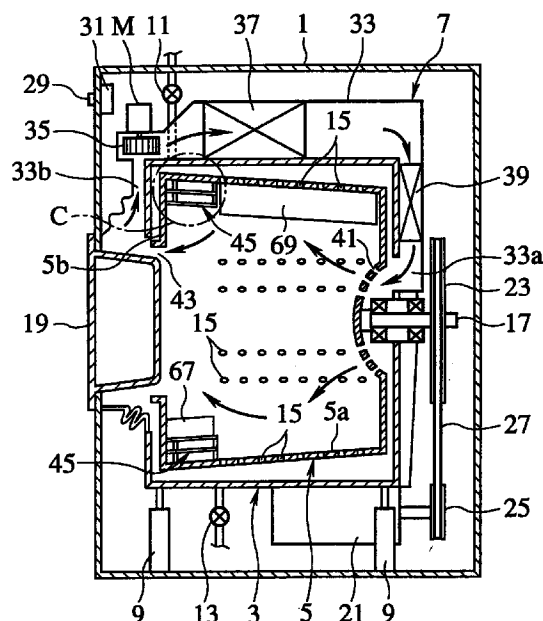
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(54) **Drum washer**

(57) Disclosed is a drum washer of a less vibratory and less noisy structure. The washer is provided with a washing tub 3 supported by suspension means 9 in a housing 1, a combination wash/spin drum 5 housed in the washing tub 3 and driven by a drive motor 21 about a horizontal axis X, and a liquor balancer 45 mounted on the inner peripheral surface of the drum 5 over the entire length in its circumferential direction. The liquor balancer 45 is composed of three to eight independent balancing chambers I, II, III, ... extending in the circumferential direction of the wash/spin drum 5 and having baffle boards 63 disposed in each balancing chamber to define therein liquid channels 65, and an unpartitioned annular auxiliary chamber 55 with which the balancing chambers I, II, III, ... communicate through their holes 57. The holes 57 each have a diameter large enough to allow free flowing of liquid of the liquor balancer into and out of the balancing chambers I, II, III, ... and the annular auxiliary chamber 55, and the liquid flows through the channels 65 defined by the baffle boards 47 and the holes 57.

FIG.2



EP 0 795 639 A3



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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	EP 0 421 442 A (SANYO ELECTRIC CO. LTD.) * column 8, line 29 - line 45 * * figures 2,7,10-12 * ---	1	D06F37/22
A	DE 27 46 989 A (HITACHI LTD) * claims 1,2; figures * -----	1	
			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 25 August 1997	Examiner Courrier, G
<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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