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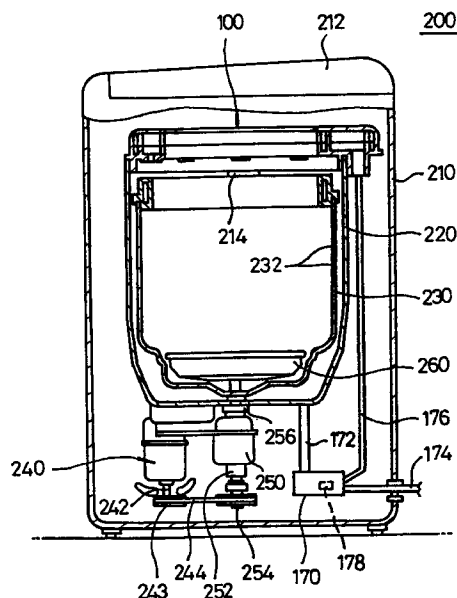
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(54) Washing machine having a spraying nozzle assembly

(57) A washing machine having a spraying nozzle assembly which not only sprays the circulated washing liquid onto the clothing evenly, but also completely removes impurities formed between an outer tub and a spin tub is disclosed. The spraying nozzle assembly has an upper frame and a lower frame secured to the upper frame. The lower frame has a plurality of spraying nozzles at its underside. Each spraying nozzle is circumferentially spaced apart from each other. Each spraying nozzle extends toward the upper inner wall of the spin tub so that impurities such as foam formed between the spin tub and the outer tub can be completely removed without wasting any washing liquid.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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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,D	US 5 285 664 A (CHANG SUK-KYU ET AL) * abstract; figures 1,2 * ---	1	D06F39/08
A	US 4 791 691 A (FUKUZAWA SOOICHI ET AL) * abstract; figure 1 * ---	1	
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A	US 4 410 329 A (BLEVINS THEODORE J ET AL) * abstract; figure 1 * * column 4, line 53 - column 5, line 8 * ---	1	
A	US 2 526 344 A (GELDORF P. E., RINGER L.) * column 1, line 5 - line 45 * * column 3, line 8 - line 35 * * figures 1,2 * ---	1	
P,X	JP 07 250 991 A (KIM YOUNG-MIN) -& US 5 590 552 * figures 2-4 * -----	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 18 February 1998	Examiner Cabral Matos, A
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 P : intermediate document 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			

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