

Title (en)  
METHOD FOR CONTROLLING THE GENERATION OF SUDS IN A WASHING MACHINE AND A WASHING MACHINE SUITABLE THEREFOR

Title (de)  
VERFAHREN ZUR STEUERUNG DER SCHAUMERZEUGUNG IN EINER WASCHMASCHINE SOWIE HIERZU GEEIGNETE WASCHMASCHINE

Title (fr)  
PROCEDE DE REGULATION DE LA PRODUCTION DE MOUSSE DANS UN LAVE-LINGE, ET LAVE-LINGE A CET EFFET

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Application  
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Abstract (en)  
[origin: WO2009010432A2] The invention relates to a method for controlling the generation of suds during the treatment of washing with suds consisting of an aqueous surfactant solution in a programme-controlled washing machine. Said machine comprises a solution drain system that is situated on the base of an outer tub (1), a solution pump, a rotating drum (2) and a heating unit (13). The method comprises the following steps: a) detecting the suds contained in the outer tub (1) and/or in the drum (2); and b) setting and/or maintaining a predefined range for the concentration of the suds between c1 and c2, the detection (a) of the suds being carried out by means of one or several sensors (15), which track a hydrostatic pressure p, a temporal gradient ( $\frac{dp}{dt}$ ) of the hydrostatic pressure p and/or a conductance k in the outer tub (1) and/or in the drum (2). A measured hydrostatic pressure p is compared to a predetermined lower value p1 for the hydrostatic pressure and a predetermined upper value p2 for the hydrostatic pressure and if p1, the speed U of the drum (2) is increased and if p>p2, the speed U of the drum (2) is decreased. The invention also relates to a washing machine that is suitable for carrying out said method.

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