

Title (en)  
OPERATING METHOD OF A LAUNDRY WASHING MACHINE AND LAUNDRY WASHING MACHINE IMPLEMENTING SUCH METHOD

Title (de)  
BETRIEBSVERFAHREN EINER WÄSCHEWASCHMASCHINE UND WÄSCHEWASCHMASCHINE MIT SOLCH EINEM VERFAHREN

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT D'UNE MACHINE À LAVER LE LINGE ET MACHINE À LAVER METTANT EN OEUVRE LEDIT PROCÉDÉ

Publication  
**EP 3260592 B1 20190220 (EN)**

Application  
**EP 16176052 A 20160623**

Priority  
**EP 16176052 A 20160623**

Abstract (en)  
[origin: EP3260592A1] Operating method of a laundry washing machine (1) comprising: an internal water softening device (13) which is crossed by the fresh water directed towards the washing tub (3) and/or the detergent dispenser (10), and which is filled with a water softening agent capable of reducing the hardness degree of the fresh water flowing through the same water softening device (13); a regeneration-agent container (21) containing a given amount of consumable salt or other regeneration agent; a first water-supply line (19) for selectively channelling a flow of fresh water into said regeneration-agent container (21) to form a brine capable of regenerating the water softening properties of said water softening agent; and a storage tank (35) which is fluidically connected to said regeneration-agent container (21) for receiving and accumulating the brine formed into said regeneration-agent container (21), and to said water softening device (13) for delivering said brine to the water softening device (13); the operating method of the laundry washing machine (1) comprising the steps of: channelling, via said first water-supply line (19), a given amount of fresh water into the regeneration-agent container (21) so as to form a given amount of brine that flows and accumulates into said storage tank (35); fluidically connecting the water softening device (13) in closed loop to said storage tank (35) bypassing said regeneration-agent container (21); circulating, for a given recirculation time period, said given amount of brine in closed loop through the water softening device (13) and the storage tank (35) while bypassing said regeneration-agent container (21); and lastly removing, after a given regeneration time period encompassing said recirculation time period, the brine from said water softening device (13).

IPC 8 full level  
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