

Title (en)

Method for determining quantity and/or type of fabric introduced in a laundry washing machine

Title (de)

Verfahren zum Bestimmen der Wäschemenge und/oder der Wäscheart in einer Waschmaschine

Title (fr)

Procédé pour déterminer la quantité et/ou le type de linge introduit dans une machine à laver

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Application

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Priority

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Abstract (en)

The present invention refers to a method for the indirect recognition of the quantity and type of fabric introduced in a laundry washing machine. Said method is based on the physical capacity of fabrics to absorb water inside a laundry washer, according to a way which depends upon their type and quantity of fiber. Such a method provides the execution of three water inlet phases while the drum is at standstill (T1,T3,T5) being intercalated with two phases (T2,T4) during which the drum is rotated to allow water absorption by the fabric. The second (T3) and third (T5) water inlet phases are switched in at the end of two different time intervals (T2,T4) starting from the beginning of the respective previous water absorption phases and are stopped when the water level in the drum reaches a preset working level. The length of time of the second (T3) and third (T5) water inlet phases allows the control system to identify the type and quantity of fabric being present within the machine. <IMAGE>

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Citation (search report)

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