

Title (en)
WASHING MACHINE WITH FILTRATION UNIT

Title (de)
WASCHMASCHINE MIT FILTRATIONSEINHEIT

Title (fr)
MACHINE À LAVER AVEC UNITÉ DE FILTRATION

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EP 2723934 B1 20151125 (EN)

Application
EP 12729137 A 20120622

Priority
• TR 201106342 A 20110627
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Abstract (en)
[origin: WO2013000839A1] The present invention relates to a washing machine (1) comprising a tub (2), at least one water inlet valve (3, 103) that provides water intake into the tub (2) from the water mains (S), a cross-flow type filtration unit (4), passing water through a nanofilter (NF) thus providing the removal of the hardness of water, a soft water line (5) that provides the water removed of its hardness in the filtration unit (4) to be transferred to the tub (2), a detergent dispenser (6), a reservoir (9) connected to the first water inlet valve (3) and open to atmospheric pressure, a supply line (10) that provides circulation of the water between the reservoir (9) and the filtration unit (4) and transfers water to the filtration unit (4), a return conduit (11) that provides the transfer of the hard water flowing through the filtration unit (4) to the reservoir (9) and a circulation pump (12) disposed on the supply line (10), providing the water to be circulated between the reservoir (9) and the filtration unit (4) and the water in the reservoir (9) to be transferred to the filtration unit (4) under pressure.

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D06F 39/08 (2006.01)

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Cited by
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