

Title (en)

LAUNDRY WASHING MACHINE COMPRISING A WATER SOFTENING DEVICE

Title (de)

WÄSCHEWASCHMASCHINE MIT EINER WASSERENTHÄRTUNGSVORRICHTUNG

Title (fr)

MACHINE À LAVER LE LINGE COMPRENANT UN DISPOSITIF D'ADOUCCISSEMENT DE L'EAU

Publication

**EP 3433408 A1 20190130 (EN)**

Application

**EP 16711655 A 20160324**

Priority

EP 2016056549 W 20160324

Abstract (en)

[origin: WO2017162289A1] A laundry washing machine (1) comprising an outer casing (2) and, inside the outer casing (2), a washing tub (3), a rotatable drum housed in axially rotatable manner inside the washing tub (3) and structured for housing the laundry to be washed, a detergent dispenser (10) which is structured for supplying detergent into the washing tub (3), a fresh-water supply circuit (12) which is structured for selectively channelling a flow of fresh water from the water mains towards the detergent dispenser (10) and/or the washing tub (3), an internal water softening device (13) filled with a water softening agent capable of reducing the hardness degree of the fresh water directed towards the detergent dispenser (10) or the washing tub (3), and a brine tank (45) comprising an internal space containing brine to be supplied, on command, to said water softening device (13); and an electric sensor assembly which is configured to determine a first pressure (PI) of the brine at a prefixed first height (HI) of the brine tank (45) when the actual level of the brine (LO) is equal to or exceeding a prefixed second height (H2) which is greater than said prefixed first height (HI), and determine the salinity of brine based on both the first pressure (PI) and the height difference between the prefixed first height (HI) and the prefixed second height (H2).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017162289A1

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