

Title (en)
LAUNDRY WASHING MACHINE

Title (de)
WÄSCHEWASCHMASCHINE

Title (fr)
MACHINE À LAVER LE LINGE

Publication
EP 3692200 A1 20200812 (EN)

Application
EP 17780725 A 20171005

Priority
EP 2017075422 W 20171005

Abstract (en)
[origin: WO2019068337A1] A laundry washing machine (1) having an outer casing (2) and comprising, inside said outer casing (2): a washing tub (3); a rotatable drum which is housed in axially rotatable manner inside the washing tub (3) and is 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 (11) which is structured for selectively channelling the fresh water of an external water source towards the detergent dispenser (10) and/or the washing tub (3); and an electro-chemical device (13) which in turn comprises: an electrolytic cell (18) capable of internally converting a brine into a chlorine-based sanitizing agent which is subsequently channelled into the washing tub (3); an unpressurized salt container (14) which is adapted to contain a given amount of consumable salt grains and has an unsealed loading inlet which is directly exposed or exposable to the outside of the casing (2); a water supply line (15) adapted to channel, on command, a given amount of water into the salt container (14) so as to dissolve at least part of the salt grains contained therein and form some brine; and an unpressurized brine container (17) that fluidically communicates with the salt container (14) and is adapted to collect and contain the brine previously formed into the salt container (14), so as to avoid any prolonged stagnation of the water/brine into the same salt container (14); the electrolytic cell (18) communicating with said brine container (17) so as to receive the brine contained therein.

IPC 8 full level
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CPC (source: EP US)
C25B 1/26 (2013.01 - US); **C25B 9/00** (2013.01 - US); **C25B 15/08** (2013.01 - US); **D06F 33/37** (2020.02 - US); **D06F 35/003** (2013.01 - EP US); **D06F 35/004** (2013.01 - EP US); **D06F 39/007** (2013.01 - EP US); **D06F 39/028** (2013.01 - EP US); **D06F 2105/02** (2020.02 - US); **D06F 2105/42** (2020.02 - US)

Citation (search report)
See references of WO 2019068337A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
WO 2019068337 A1 20190411; CN 111164253 A 20200515; EP 3692200 A1 20200812; EP 3692200 B1 20230607; PL 3692200 T3 20230925; US 2020291563 A1 20200917

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