

Title (en)

HORIZONTAL DRUM WASHING MACHINE WITH WASHING LIQUID RECIRCULATION SYSTEM

Title (de)

HORIZONTALE TROMMELWASCHMASCHINE MIT WASCHFLÜSSIGKEITSRÜCKFÜHRUNGSSYSTEM

Title (fr)

MACHINE À LAVER À TAMBOUR HORIZONTAL DOTÉE D'UN SYSTÈME DE RECIRCULATION DE LESSIVE

Publication

EP 3309290 A1 20180418 (EN)

Application

EP 16193972 A 20161014

Priority

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Abstract (en)

The present invention is related to a top-loading washing machine comprising: a cabinet (C); a tub (T) installed in the cabinet (C); a sump (5) placed or fashioned at a bottom of the tub (T) and configured to receive washing liquid; a drum (2) rotatably mounted within the cabinet (C) about a horizontal axis (X-X); a recirculating system (6) in fluid communication with the sump (5) and comprising at least a sprayer (8) facing a wall (13) of the drum (2). The sprayer (8) comprises a plurality of nozzles (15, 16, 17) facing the wall (13) of the drum (2) and this wall (13) presents a plurality of through passages (18, 19, 20). The nozzles (15, 16, 17) and the through passages (18, 19, 20) are disposed and configured such that, during the rotation of the drum (2), there is always at least one nozzle (15, 16, 17) aligned with at least a corresponding through passage (18, 19, 20) in the drum (2).

IPC 8 full level

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CPC (source: EP US)

D06F 37/04 (2013.01 - EP); **D06F 39/083** (2013.01 - EP US); **D06F 37/267** (2013.01 - EP)

Citation (applicant)

EP 2392720 A1 20111207 - ELECTROLUX HOME PROD CORP [BE]

Citation (search report)

- [AD] EP 2392720 A1 20111207 - ELECTROLUX HOME PROD CORP [BE]
- [A] WO 2014037840 A1 20140313 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
- [A] EP 2719814 A1 20140416 - CANDY SPA [IT]

Cited by

EP4067552A1; US11608583B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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