

Title (en)
FRONT LOAD LAUNDRY WASHING MACHINE WITH INCORPORATED DRYING SYSTEM

Title (de)
FRONTLADERWASCHMASCHINE MIT INTEGRIERTEM TROCKNUNGSSYSTEM

Title (fr)
MACHINE À LAVER À CHARGEMENT FRONTAL AYANT UN SYSTÈME DE SÉCHAGE INCORPORÉ

Publication
EP 2925924 A2 20151007 (EN)

Application
EP 13848141 A 20131126

Priority
• IT PR20120082 A 20121127
• IB 2013060423 W 20131126

Abstract (en)
[origin: WO2014083503A2] Front load washing machine with incorporated drying system, with heat pump, still maintaining the advantage of performing the washing and drying within the size i.e. the standard overall size for the machines in question. Besides the washing system, the machine comprises a drying system with a heat pump circuit adapted to condense the air extracted from the washing tub and subsequently reintroduced there into but heated by the heat pump circuit. Said condensation and heating steps are actuated by special exchangers arranged centrally and above the washing tub and connected thereto through a series of mouthpieces or fittings, respectively for delivery and return, and front ventilator means for the circulation of air and provided with an intermediate filter for collecting impurities. A collection tub diverts the condensate water towards the pump of the machine.

IPC 8 full level
D06F 58/02 (2006.01); **D06F 25/00** (2006.01); **D06F 37/26** (2006.01); **D06F 58/20** (2006.01); **D06F 58/22** (2006.01); **D06F 58/24** (2006.01); **D06F 58/28** (2006.01)

CPC (source: EP US)
D06F 25/00 (2013.01 - EP US); **D06F 37/265** (2013.01 - EP US); **D06F 37/267** (2013.01 - US); **D06F 58/02** (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/22** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/50** (2020.02 - EP US); **D06F 2105/26** (2020.02 - EP US)

Citation (search report)
See references of WO 2014083503A2

Cited by
WO2017174766A1; US11186943B2; US11761141B2

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)
WO 2014083503 A2 20140605; WO 2014083503 A3 20140731; EP 2925924 A2 20151007; EP 2925924 B1 20170201; IT PR20120082 A1 20140528; US 2015322610 A1 20151112

DOCDB simple family (application)
IB 2013060423 W 20131126; EP 13848141 A 20131126; IT PR20120082 A 20121127; US 201314647556 A 20131126