

Title (en)
MACHINE FOR WASHING AND DRYING LAUNDRY

Title (de)
MASCHINE ZUM WASCHEN UND TROCKNEN VON WÄSCHE

Title (fr)
MACHINE À LAVER ET À SÉCHER LE LINGE

Publication
EP 3088596 A1 20161102 (EN)

Application
EP 15165793 A 20150429

Priority
EP 15165793 A 20150429

Abstract (en)
A front-loading laundry washing and drying machine, comprises: a cabinet (2) having a front wall, a rear wall, two side walls (5a, 5b) and an upper wall, the cabinet (2) housing an oscillating assembly that comprises a treatment tub (14) having a substantially horizontal longitudinal axis (A); a drying circuit comprising a heat pump inside the cabinet (2), the heat pump including an evaporator device, a condenser device, a compressor, and a fan for forcing a flow of air through the evaporator device and the condenser device. At least the evaporator device and the condenser device are housed inside the cabinet (2) above the treatment tub (14), the evaporator device and the condenser device each including a heat exchanger (122, 123) having a body configured for being traversed by the forced flow of air. The heat exchanger (122, 123) of at least one of the evaporator device and the condenser device is set inside the cabinet (2) in a lateral area (S) that is comprised between a first side wall (5a) of the cabinet (2) and a median vertical plane (P1) of the treatment tub (14) that contains the corresponding longitudinal axis (A). The heat exchanger (122, 123) of the at least one of the evaporator device (122) and the condenser device (123) is set in the aforesaid lateral area according to a plane of lie (P4, P5) generally inclined with respect to a horizontal plane.

IPC 8 full level
D06F 58/20 (2006.01); **D06F 25/00** (2006.01)

CPC (source: EP US)
D06F 25/00 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (applicant)
• EP 2436818 A1 20120404 - PANASONIC CORP [JP]
• EP 2270274 A1 20110105 - ELECTROLUX HOME PROD CORP [BE]
• WO 2014083503 A2 20140605 - MECCANICA GENERALE SRL [IT]

Citation (search report)
• [YD] WO 2014083503 A2 20140605 - MECCANICA GENERALE SRL [IT]
• [Y] EP 2143839 A1 20100113 - PANASONIC CORP [JP]
• [A] WO 2006054431 A1 20060526 - TOSHIBA KK [JP], et al

Cited by
EP3339500A1; CN108239845A; US11078616B2

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)
EP 3088596 A1 20161102; EP 3088596 B1 20180711; US 2018119330 A1 20180503; WO 2016174555 A1 20161103

DOCDB simple family (application)
EP 15165793 A 20150429; IB 2016052291 W 20160422; US 201615569902 A 20160422