

Title (en)
CLOTHES WASHING AND DRYING MACHINE

Title (de)
WÄSCHEWASCH- UND TROCKENMASCHINE

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

Publication
EP 3360997 A4 20190403 (EN)

Application
EP 16853118 A 20161009

Priority
• JP 2015201460 A 20151009
• CN 2016101566 W 20161009

Abstract (en)
[origin: EP3360997A1] A washing and drying machine capable of improving drying efficiency is provided. A fully automatic washing and drying machine (1) includes an outer tub (20) elastically supported in a housing (10); a washing/dewatering tub (24) rotatably arranged in the outer tub (20); a hot air supplying unit (50) including a heater and a fan, and air heated by the heater is supplied into the washing/dewatering tub (24) by the fan from an upper part of the outer tub (20); and a discharging port (20c) arranged at a lower part of the outer tub (20) and configured to discharge the air which has been in contact with washings in the washing/dewatering tub (24). The discharging port (20c) is connected to an exhaust duct (80) extending upward, and an exhaust port (83) is formed in the exhaust duct (80). The discharging port (83) is located at a position higher than a water overflowing level at which water overflows from the outer tub (20).

IPC 8 full level
D06F 25/00 (2006.01)

CPC (source: EP KR US)
D06F 25/00 (2013.01 - EP KR US); **D06F 39/04** (2013.01 - EP KR US); **D06F 58/30** (2020.02 - EP US); **D06F 58/38** (2020.02 - KR); **D06F 33/72** (2020.02 - EP KR US); **D06F 37/26** (2013.01 - EP KR US); **D06F 58/20** (2013.01 - EP KR US); **D06F 2103/36** (2020.02 - EP KR US); **D06F 2105/24** (2020.02 - EP KR US); **D06F 2105/28** (2020.02 - EP KR US); **D06F 2105/30** (2020.02 - EP KR US)

Citation (search report)
• [XAI] JP 2015058237 A 20150330 - HITACHI APPLIANCES INC
• [XAI] JP 2014233518 A 20141215 - PANASONIC CORP
• [A] WO 2012053751 A1 20120426 - LG ELECTRONICS INC [KR], et al
• See references of WO 2017059814A1

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

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EP 3360997 A1 20180815; EP 3360997 A4 20190403; CN 108138420 A 20180608; CN 108138420 B 20200602; JP 2017070648 A 20170413; KR 20180067594 A 20180620; US 2018291544 A1 20181011; WO 2017059814 A1 20170413

DOCDB simple family (application)
EP 16853118 A 20161009; CN 2016101566 W 20161009; CN 201680058864 A 20161009; JP 2015201460 A 20151009; KR 20187013054 A 20161009; US 201615767101 A 20161009