

Title (en)
DRUM-TYPE WASHING AND DRYING MACHINE

Title (de)
TROMMELWASCHMASCHINE UND TROCKNER

Title (fr)
MACHINE À LAVER ET À SÉCHER LE LINGE DE TYPE À TAMBOUR

Publication
EP 2811058 A4 20150114 (EN)

Application
EP 13740696 A 20130124

Priority
• JP 2012015172 A 20120127
• JP 2013000338 W 20130124

Abstract (en)
[origin: EP2811058A1] A drum-type washing and drying machine according to the present invention includes: water tub (2) which has opening (7) in a front side of housing (1); drum (4); motor (10); air flow passage (16); heat pump device (17); and air blower (24). Heat pump device (17) is disposed in a lower portion of the inside of housing (1), and air blower (24) has fan accommodating portion (24e) and air exhaust portion (24f). Air blower (24) is connected in a communicating manner to heat pump device (17), and upper portion (24c) of fan accommodating portion (24e) is positioned above lower end portion (2a) of water tub rear portion (2c). Due to such a configuration, water tub (2) is disposed at a lower portion of the drum-type washing and drying machine so that both the miniaturization of housing (1) and the favorable drying performance can be realized simultaneously.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 58/02** (2006.01); **D06F 58/20** (2006.01)

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

Citation (search report)
• [XAYI] JP 2005304988 A 20051104 - MATSUSHITA ELECTRIC IND CO LTD
• [YA] DE 4212697 A1 19931021 - LICENTIA GMBH [DE]
• [YA] JP 2009273489 A 20091126 - TOSHIBA CORP, et al
• [A] DE 4212700 A1 19931021 - LICENTIA GMBH [DE]
• [A] WO 2008155263 A1 20081224 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
• [A] EP 1961852 A1 20080827 - TOSHIBA KK [JP], et al
• See references of WO 2013111589A1

Cited by
EP3034674A1; US11060236B2

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 2811058 A1 20141210; EP 2811058 A4 20150114; CN 104080966 A 20141001; JP 2013153839 A 20130815; WO 2013111589 A1 20130801

DOCDB simple family (application)
EP 13740696 A 20130124; CN 201380006674 A 20130124; JP 2012015172 A 20120127; JP 2013000338 W 20130124