

Title (en)
Clothes dryer

Title (de)
Wäschetrockner

Title (fr)
Sèche-linge

Publication
EP 2182104 A2 20100505 (EN)

Application
EP 09013347 A 20091022

Priority
JP 2008279798 A 20081030

Abstract (en)
A clothes dryer includes a water-receiving tub (4), a wash tub (7) rotated by a washing motor (5), a ventilation path (26) including the water-receiving tub (4) as a part so that air in the water-receiving tub (4) is circulated, an evaporator (27) disposed in the ventilation path (26), a condenser (30) disposed in the ventilation path (26) and applying heat to air flowing along the ventilation path (26) downstream relative to the evaporator (27), a compressor (33) supplying a refrigerant into first and second refrigerant pipes (28, 31), a decompressor (35) throttling the refrigerant, and a motor drive unit (51) rotating a compressor motor (34) in a drying processing when a result of detection by an outside temperature sensor (40) has been determined to be larger than a first threshold. The motor drive unit (51) rotates the compressor motor (34) in the drying processing based on a result of setting by a second speed setting unit (47) when the result of detection by the outside temperature sensor (40) has been determined not to be larger than the first threshold.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 58/20** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)
D06F 58/20 (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/58** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/50** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (applicant)
• JP 2006087484 A 20060406 - TOSHIBA CORP, et al
• JP H10148416 A 19980602 - ARAI YASUHIKO

Cited by
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Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2182104 A2 20100505; EP 2182104 A3 20110629; EP 2182104 B1 20130130; CN 101725019 A 20100609; CN 101725019 B 20120201; JP 2010104579 A 20100513

DOCDB simple family (application)
EP 09013347 A 20091022; CN 200910211316 A 20091030; JP 2008279798 A 20081030