

Title (en)
Clothes dryer

Title (de)
Wäschetrockner

Title (fr)
Sèche-linge

Publication
EP 2182104 B1 20130130 (EN)

Application
EP 09013347 A 20091022

Priority
JP 2008279798 A 20081030

Abstract (en)
[origin: EP2182104A2] 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)

Cited by
DE102015203663A1; DE102013222929A1; DE102015205483A1; CN102251368A; EP2455526A1; EP2612965A1; AU2013207186B2; US11319663B2; US2023193552A1; EP2333149A1; CN113882130A; US2016273153A1; US10119221B2; CN110438778A; EP2733257A1; GB2484678A; EP2845943A1; EP2792785A4; US9372031B2; US10947661B2; US9534329B2; EP2840179A1; EP3495548A1; KR20190057682A; EP3754095A1; WO2013114227A3; WO2013096902A1; WO2013102636A3; WO2013045363A1; WO2012065916A1; US11186943B2; US11761141B2; WO2016150660A1; DE102015203682A1; US9435069B2; US11578454B2; US9359714B2; EP3064638A1; EP2407587B2

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