

Title (en)
CLOTHES DRYER AND WASHER/DRYER

Title (de)
KLEIDUNGSTROCKNER UND WASCHMASCHINEN-/TROCKNEREINHEIT

Title (fr)
SÉCHOIR À LINGE, ET MACHINE À LAVER-SÉCHOIR

Publication
EP 2636788 A1 20130911 (EN)

Application
EP 12818465 A 20120828

Priority
• JP 2011191344 A 20110902
• JP 2012005401 W 20120828

Abstract (en)
A clothes dryer according to the present invention includes a drum that agitates clothes, a window glass arranged in front of the drum, a blower unit that sends drying air, a dehumidification unit that dehumidifies the drying air, and a heating unit that heats the dehumidified drying air. Furthermore, the clothes dryer includes a first air passage having a first air outlet, a second air passage having a second air outlet, an air passage switching unit that switches the first air passage and the second air passage, a temperature detecting unit that detects a temperature of the window glass, and a control unit. The control unit performs control to switch the first air passage and the second air passage through the air passage switching unit when a detection result of the temperature detecting unit reaches a first predetermined temperature. In this manner, a clothes dryer that can pick up clothes at any time during a drying operation and suppress uneven drying with a low power consumption can be realized.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 33/02** (2006.01); **D06F 39/14** (2006.01); **D06F 58/02** (2006.01); **D06F 58/28** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)
D06F 58/04 (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 39/14** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/00** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US); **D06F 2105/32** (2020.02 - EP US)

Cited by
EP3000924A1; DE102014219379A1; RU2676788C1; DE102016215496A1; EP3040464A1; US10378138B2; US10344424B2; US10988894B2

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

DOCDB simple family (publication)
EP 2636788 A1 20130911; **EP 2636788 A4 20131127**; **EP 2636788 B1 20140813**; CN 103097603 A 20130508; CN 103097603 B 20150325; JP 2013052067 A 20130321; JP 5824639 B2 20151125; WO 2013031193 A1 20130307

DOCDB simple family (application)
EP 12818465 A 20120828; CN 201280002570 A 20120828; JP 2011191344 A 20110902; JP 2012005401 W 20120828