

Title (en)
LAUNDRY DRYER

Title (de)
WÄSCHETROCKNER

Title (fr)
SÉCHOIR À LINGE

Publication
EP 2765235 A1 20140813 (EN)

Application
EP 13196574 A 20131211

Priority
JP 2013021090 A 20130206

Abstract (en)
A laundry dryer (100) includes a rotary drum (5) that accommodates laundry; a heating unit (32) that heats circulating air supplied into the rotary drum (5); an air supplying fan (12) for supplying the circulating air into the rotary drum (5); and a motor that drives the air supplying fan (12). The laundry dryer (100) also includes a dehumidification unit (30) that condenses and separates moisture from the circulating air which is discharged from the rotary drum (5); a steam generator (85) that generates steam; and a steam supplying port (89) that supplies the steam into the rotary drum (5). A control unit (48) is configured to perform an air supplying process in which the motor is operated to supply the circulating air into the rotary drum (5) between a steaming process in which the steam generator (85) is operated to supply the steam into the rotary drum (5) and a drying process in which the heating unit (32) and the dehumidification unit (30) are operated to dry the laundry inside the rotary drum (5).

IPC 8 full level
D06F 34/08 (2020.01); **D06F 58/28** (2006.01); **D06F 58/20** (2006.01); **D06F 58/46** (2020.01)

CPC (source: CN EP US)
D06F 34/08 (2020.02 - CN EP US); **D06F 58/203** (2013.01 - CN EP US); **D06F 58/46** (2020.02 - CN EP US);
D06F 2103/36 (2020.02 - CN EP US); **D06F 2103/38** (2020.02 - CN EP US); **D06F 2103/50** (2020.02 - CN EP US);
D06F 2105/24 (2020.02 - CN EP US); **D06F 2105/26** (2020.02 - CN EP US); **D06F 2105/30** (2020.02 - CN EP US);
D06F 2105/40 (2020.02 - CN EP US)

Citation (search report)
• [X] EP 1852541 A1 20071107 - ELECTROLUX HOME PROD CORP [BE]
• [X] EP 1852542 A1 20071107 - ELECTROLUX HOME PROD CORP [BE]
• [I] WO 2011074850 A2 20110623 - LG ELECTRONICS INC [KR], et al
• [A] EP 2333149 A1 20110615 - V ZUG AG [CH]
• [A] DE 102012103805 A1 20121108 - GORENJE GOSPODINJSKI APARATI D D [SI]
• [A] EP 1441058 A1 20040728 - ELECTROLUX HOME PROD CORP [BE]

Cited by
CN114182478A; US2021277586A1; US11859342B2; EP3467185A1; BE1029707B1; JP2016220743A; US10480116B2; WO2020057839A1; WO2020099146A1; WO2023025497A1

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 2765235 A1 20140813; EP 2765235 B1 20190327; CN 103966817 A 20140806; CN 103966817 B 20160217; JP 2014150859 A 20140825

DOCDB simple family (application)
EP 13196574 A 20131211; CN 201410039010 A 20140127; JP 2013021090 A 20130206