

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

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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