

Title (en)  
LAUNDRY DRYER

Title (de)  
WÄSCHETROCKNER

Title (fr)  
SÉCHOIR À LINGE

Publication  
**EP 2765235 B1 20190327 (EN)**

Application  
**EP 13196574 A 20131211**

Priority  
JP 2013021090 A 20130206

Abstract (en)  
[origin: EP2765235A1] 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 58/20** (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)

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

Designated contracting state (EPC)  
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**EP 2765235 A1 20140813; EP 2765235 B1 20190327**; CN 103966817 A 20140806; CN 103966817 B 20160217; JP 2014150859 A 20140825

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