

Title (en)
Home laundry drier

Title (de)
Wäschetrockner für den Haushalt

Title (fr)
Sèche-linge domestique

Publication
EP 1970482 A1 20080917 (EN)

Application
EP 07104075 A 20070313

Priority
EP 07104075 A 20070313

Abstract (en)
A home laundry drier (1) having a drying tub (3) for housing the laundry to be dried, and a closed-circuit, hot-air generator (4) for circulating a stream of hot air into the drying tub (3). The hot-air generator (4) has a tank (16) containing a predetermined amount of water; an auxiliary heater (17) for converting the water in the tank (16) to steam; and a steam exhaust manifold (18) which communicates with the air recirculating conduit (7), between the condenser (9) and the main heater (10) of the hot-air generator (4), to feed the steam produced in the tank (16) into the drying tub (3) via the end portion of the air recirculating conduit (7).

IPC 8 full level
D06F 58/26 (2006.01); **D06F 34/14** (2020.01)

CPC (source: EP US)
D06F 34/14 (2020.02 - EP US); **D06F 58/203** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **D06F 58/26** (2013.01 - EP US); **D06F 2103/00** (2020.02 - EP US); **D06F 2103/18** (2020.02 - EP US); **D06F 2105/06** (2020.02 - EP US)

Citation (applicant)
DE 102005053702 A1 20060622 - LG ELECTRONICS INC [KR]

Citation (search report)

- [XA] DE 102005053702 A1 20060622 - LG ELECTRONICS INC [KR]
- [A] EP 1734170 A1 20061220 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 1469120 A1 20041020 - LG ELECTRONICS INC [KR]
- [A] WO 2006101336 A1 20060928 - LG ELECTRONICS INC [KR], et al

Cited by
EP2642012A1; EP2610399A1; CN104204331A; EP2821540A1; WO2015096851A1; WO2013139686A1; WO2013182403A1; TWI830132B; WO2022169320A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1970482 A1 20080917; EP 1970482 B1 20100818; AT E478187 T1 20100915; DE 602007008521 D1 20100930; ES 2349021 T3 20101221; PL 1970482 T3 20110131; RU 2009137797 A 20110420; RU 2458197 C2 20120810; WO 2008110271 A1 20080918

DOCDB simple family (application)
EP 07104075 A 20070313; AT 07104075 T 20070313; DE 602007008521 T 20070313; EP 2008001614 W 20080229; ES 07104075 T 20070313; PL 07104075 T 20070313; RU 2009137797 A 20080229