

Title (en)

Home laundry drier

Title (de)

Haushaltswäschetrockner

Title (fr)

Séchoir à linge pour usage domestique

Publication

EP 2147999 A1 20100127 (EN)

Application

EP 08161082 A 20080724

Priority

EP 08161082 A 20080724

Abstract (en)

A home laundry drier (1) comprising an outer box casing (2) and, inside the casing, a laundry drying container (3) for housing the laundry to be dried, and a hot-air generator (7) for circulating a stream of hot air inside said laundry drying container (3); the hot-air generator (7) comprising an air recirculating conduit (8) connected at both ends to said laundry drying container (3), ventilating means (9) able to produce an airflow (f) which flows along the recirculating conduit (8) and through the laundry drying container (3), and a first heat-pump assembly (10) which is able to rapidly cool the airflow (f) coming out from the laundry drying container (3) for condensing the surplus moisture in said airflow (f), and then to rapidly heat the airflow (f) returning back into said laundry drying container (3); the hot-air generator (7) also comprising at least a second heat-pump assembly (15) which is also able to rapidly cool the airflow (f) coming out from the laundry drying container (3) for condensing the surplus moisture in said airflow (f), and then to rapidly heat the airflow (f) returning back into said laundry drying container (3).

IPC 8 full level

D06F 58/20 (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (search report)

[X] WO 2007113081 A1 20071011 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Citation (examination)

- EP 2077350 A1 20090708 - ELECTROLUX HOME PROD CORP [BE]
- WO 2009098158 A1 20090813 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- WO 2009103643 A1 20090827 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- EP 2060671 A1 20090520 - ELECTROLUX HOME PROD CORP [BE]
- WO 2009106150 A1 20090903 - IMAT SPA [IT], et al

Cited by

DE102019123941A1; DE102014219457A1; EP3040470A1; CN105734936A; AU2015282373B2; RU2630771C2; DE102013102183A1; EP2775026A3; DE102013102183B4; US9803313B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2147999 A1 20100127; RU 2009128556 A 20110127; RU 2496935 C2 20131027

DOCDB simple family (application)

EP 08161082 A 20080724; RU 2009128556 A 20090723