

Title (en)
Rotary-drum laundry dryer

Title (de)
Wäschetrockner mit Drehtrommel

Title (fr)
Sèche-linge à tambour rotatif

Publication
EP 2708638 A1 20140319 (EN)

Application
EP 12184187 A 20120913

Priority
EP 12184187 A 20120913

Abstract (en)

The present invention relates to a rotary-drum laundry dryer comprising a revolving drum (3) adapted to receive laundry to be dried, a hot-air generator (6) structured to circulate an airflow (f) through said revolving drum (3), and a lower supporting base or socle (9) which is structured for resting on the floor and for housing at least part of the hot-air generator (6). The hot-air generator (6) comprises an air recirculating conduit (12) allowing said airflow (f) to flow through the revolving drum (3) and through at least one heat exchanger (15) located along said air recirculating conduit (12) for condensing moisture inside the airflow (f). A segment (12c) of the air recirculating conduit (12) extends across the lower supporting base or socle (9), and is structured so as to house said at least one heat exchanger (15); said lower supporting base or socle (9) is furthermore provided with one or more pass-through openings (19a) through which corresponding elongated members (19) stick out of said segment (12c) of the air recirculating conduit (12). The laundry dryer of the present invention is characterized by further comprising one or more lids (9c) configured for respectively covering at least a portion of one or more of said pass-through openings (19a), said one or more lids (9c) being integrated with said lower supporting base or socle (9). In this way, the structure of the laundry dryer is simplified with a consequent cost reduction in the manufacturing process.

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/30** (2020.01)

CPC (source: EP US)
D06F 58/20 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/30** (2020.02 - EP US)

Citation (applicant)
EP 2034084 A1 20090311 - V ZUG AG [CH]

Citation (search report)

- [E] EP 2527526 A1 20121128 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 2312049 A1 20110420 - ELECTROLUX HOME PROD CORP [BE]
- [AD] EP 2034084 A1 20090311 - V ZUG AG [CH]
- [A] DE 1151990 B 19630725 - DAIMLER BENZ AG
- [A] FR 1113685 A 19560403 - MANN & HUMMEL FILTER

Cited by
DE102014102811A1; DE102014216485A1; DE102018205734A1; CN110387726A; WO2019129435A1; WO2017178143A1; WO2023071907A1; WO2023024909A1

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 2708638 A1 20140319

DOCDB simple family (application)
EP 12184187 A 20120913