

Title (en)
Rotary-drum laundry dryer

Title (de)
Wäschetrockner mit Drehtrommel

Title (fr)
Sèche-linge à tambour rotatif

Publication
EP 2843113 A1 20150304 (EN)

Application
EP 13181819 A 20130827

Priority
EP 13181819 A 20130827

Abstract (en)
The present invention in fact relates to a rotary-drum laundry dryer (1) comprising an outer casing (2) having a front wall (2a) and a rear wall (2b), a rotatable drum (3) which is structured for housing the laundry to be dried and is fixed in axially rotating manner inside the casing (2), the drum (3) being accessible by a user through a laundry loading/unloading opening (4a) closable by a door (4), and a hot-air generator (6) structured to circulate a stream of hot air through the rotatable drum (3). Furthermore, the rotatable drum comprises a substantially cylindrical, tubular body (3) which abuts against the front wall (2a) of the outer casing (2) so as to surround the laundry loading/unloading opening (4a) and is coupled in axially rotating manner to said front wall (2a) with the interposition of a front sealing gasket (11) between the tubular body (3) and the front wall (2a) of the outer casing (2), and which abuts against the rear wall (2b) of the outer casing (2) and is coupled in axially rotating manner to said rear wall (2b) with the interposition of a rear sealing gasket (12) between the tubular body (3) and the rear wall (2b) of the outer casing (2), each of said front sealing gasket (11) and/or rear sealing gasket (12) being housed in a corresponding front gasket groove or seat (5) and/or rear gasket groove or seat (16b). The rotary-drum laundry dryer of the present invention is characterised in that it further comprises at least a space compensating element (7a,7b) disposed in at least a portion of said front gasket groove or seat (5) and/or in at least a portion of said rear gasket groove or seat (16b).

IPC 8 full level
D06F 58/04 (2006.01); **D06F 58/06** (2006.01)

CPC (source: EP US)
D06F 58/04 (2013.01 - EP US); **D06F 58/06** (2013.01 - EP US)

Citation (search report)

- [X] US 2835048 A 19580520 - OLTHUIS EUGENE G, et al
- [Y] EP 2423370 A1 20120229 - ELECTROLUX HOME PROD CORP [BE]
- [Y] EP 2385167 A1 20111109 - MIELE & CIE [DE]
- [Y] EP 0136491 A2 19850410 - ZANUSSI A SPA INDUSTRIE [IT]
- [A] US 5216823 A 19930608 - RIPLEY BRIAN [US]
- [A] CN 1727559 A 20060201 - LG ELECTRONICS TIANJIN [CN]

Cited by
CN112323426A

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 2843113 A1 20150304

DOCDB simple family (application)
EP 13181819 A 20130827