

Title (en)
Rotary-drum laundry dryer

Title (de)
Wäschetrockner mit Drehtrommel

Title (fr)
Sèche-linge à tambour rotatif

Publication
EP 2631356 B1 20190904 (EN)

Application
EP 12157176 A 20120227

Priority
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Abstract (en)
[origin: EP2631356A1] 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), and a hot-air generator (6) structured to circulate a stream of hot air through the rotatable drum (3); said rotatable drum (3) comprising a substantially cylindrical, tubular body (3) having its front rim (3f) coupled in axially rotating manner to the front wall (2a) of the casing (2) and its rear rim (3r) coupled in substantially airtight and axially rotating manner to the rear wall (2b) of the casing (2) with the interposition of a rear circular sealing gasket (10); the rotary-drum laundry dryer (1) being characterized in that the rear wall (2b) of the casing (2) comprises: a substantially vertically-oriented supporting bulkhead (12) which is made of plastic material and is centrally provided with a substantially sink-shaped bulge (13) which, in turn, is aligned/faced to the rear mouth of the tubular body (3) delimited by said rear rim (3r), protrudes outwards of the outer casing (2) and is fluidly connected to the hot-air generator (6); and a substantially cylindrical first gasket-supporting collar (14) which protrudes from the inner face of the supporting bulkhead (12) towards the tubular body (3) while remaining substantially coaxial to the rear rim (3r) of said tubular body (3), and has a nominal diameter greater than that of the rear rim (3r) of the tubular body (3) so as to encircle the sink-shaped bulge (13) and said rear rim (3r); the rear circular sealing gasket (10) being fitted into the first gasket-supporting collar (14) and said first gasket-supporting collar (14) being realized in one piece with said supporting bulkhead (12).

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D06F 58/06 (2006.01)

CPC (source: EP)
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Cited by
EP2990519A1; CN106574426A; EP2990521A1; EP3546638A3; WO2016030118A1

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