

Title (en)
Rotary-drum laundry dryer

Title (de)
Waschmaschine mit Drehtrommel

Title (fr)
Sèche-linge à tambour rotatif

Publication
EP 2631357 A1 20130828 (EN)

Application
EP 12157179 A 20120227

Priority
EP 12157179 A 20120227

Abstract (en)
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 (f) through the rotatable drum (3); said rotatable drum (3) comprising a substantially cylindrical, tubular body (3) having its front rim (3f) faced to the front wall (2a) of the casing (2) and its rear rim (3r) faced to the rear wall (2b) of the casing (2); the rear wall (2b) of the casing (2) comprising an inner section (13) and an outer section (14) that form/delimit in between themselves a inner cavity (15) which is fluidly connected to the hot-air generator (6); a central portion (13c) of the inner section (13) of the rear wall (2b) being furthermore permeable to air, so as to put the inside of tubular body (3) in communication with the inner cavity (15); the rotary-drum laundry dryer (1) being characterized in that the rear wall (2b) of the casing (2) furthermore comprises an air-deflector member (22) which is fitted/ housed into the inner cavity (15) of the rear wall (2b) and is shaped/structured so as to channel the stream of hot air (f) that enters into the inner cavity (15) towards the permeable-to-air central portion (13c) of the inner section (13) of the rear wall (2b) or vice versa, while at same time keeping said stream of hot air (f) away from the peripheral border of said inner cavity (15).

IPC 8 full level
D06F 58/04 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)
D06F 58/04 (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US)

Citation (search report)

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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)
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