

Title (en)
Rotary-drum laundry dryer

Title (de)
Wäschetrockner mit Drehtrommel

Title (fr)
Sèche-linge à tambour rotatif

Publication
EP 2527525 A1 20121128 (EN)

Application
EP 11167975 A 20110527

Priority
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Abstract (en)
The present invention relates to a rotary-drum laundry dryer. A rotary-drum laundry dryer according to the invention comprises 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), 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), and an upper cabinet (10) associated to the lower supporting base or socle (9) and structured so as to house the revolving drum (3), said upper cabinet (10) having a back wall (25) comprising an aperture (26). 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 the air recirculating conduit (12) for condensing moisture inside the airflow (f). The air recirculating conduit (12) comprises an intermediate portion (12b) extending across the lower supporting base or socle (9), and a back cover (24) fitted to the back wall (25) of the upper cabinet (10) and/or to the lower supporting base or socle (9) to close said aperture (26) so as to define at least part of said air recirculating conduit (12). The laundry dryer is characterized in that the back cover (24) comprises a first air passage (31) connected in fluid-tight manner to the lower supporting base or socle (9) and a second air passage (32) connected in fluid-tight manner to said aperture (26) of the back wall.

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Citation (search report)
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DE102020117444B4; WO2016030148A1; EP2990516B1

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