

Title (en)  
Rotary-drum laundry dryer

Title (de)  
Wäschetrockner mit Drehtrommel

Title (fr)  
Sèche-linge à tambour rotatif

Publication  
**EP 2592184 A1 20130515 (EN)**

Application  
**EP 11188147 A 20111108**

Priority  
EP 11188147 A 20111108

Abstract (en)  
Rotary-drum laundry dryer (1) comprising an outer casing (2) structured for resting on the floor, a substantially cylindrical, sleeve-shaped revolving drum (3) which is structured for housing the laundry to be dried and is fixed in axially rotating manner inside the casing (2) with the drum rear rim (3r) in abutment on a rear wall (2b) of said casing (2), and an anti-entangling nose (20) which protrudes from the rear wall (2b) of the casing (2) inside the revolving drum (3) and is shaped/dimensioned so as to prevent, when said drum (3) rotates, the damp laundry located into the revolving drum (3) from entangling on the inner surface of the casing rear wall (2b); said anti-entangling nose (20) in turn comprising a supporting socket (21) which is structured for resting in abutment on the rear wall (2b) of the casing (2), and an oblong member (22) that sticks out from the supporting socket (21) inside the revolving drum (3) and is dimensioned/shaped so as to prevent the damp laundry located into the drum (3) from entangling on the inner surface of the casing rear wall (2b) when the drum (3) rotates; the rear wall (2b) of the casing (2) comprising an inner section (17) and an outer section (16) that form/delimit in between themselves an inner cavity (11) which is fluidly connected to the inside of the revolving drum (3); said supporting socket (21) being furthermore structured for resting in abutment on the inner section (17) of the rear wall (2b), immediately above said inner cavity (11), and being shaped/ dimensioned so as to also engage in pass-through manner the inner section (17) of the rear wall (2b) and then extend across the inner cavity (11) of the rear wall (2b) to abut on the outer section (16) of the rear wall (2b) of said casing (2).

IPC 8 full level  
**D06F 58/04** (2006.01); **D06F 58/06** (2006.01); **D06F 58/20** (2006.01); **A47L 15/00** (2006.01)

CPC (source: EP US)  
**D06F 58/04** (2013.01 - EP US); **D06F 58/06** (2013.01 - EP); **D06F 58/20** (2013.01 - EP US)

Citation (search report)  
• [A] EP 1808521 A1 20070718 - ELECTROLUX HOME PROD CORP [BE]  
• [A] EP 1285987 A2 20030226 - LG ELECTRONICS INC [KR]  
• [A] EP 2060671 A1 20090520 - ELECTROLUX HOME PROD CORP [BE]  
• [A] BE 673173 A 19660401  
• [A] JP 2006158489 A 20060622 - MATSUSHITA ELECTRIC IND CO LTD

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