

Title (en)
Clothes tumble dryer

Title (de)
Wäschetrommeltrockner

Title (fr)
Séchoir à tambour

Publication
EP 1837434 A1 20070926 (EN)

Application
EP 06111422 A 20060321

Priority
EP 06111422 A 20060321

Abstract (en)
Clothes tumble dryer comprising an outer casing (2) provided with a loading door (3), a drying air circuit adapted to cause heated air to be circulated through a perforated rotating drum (4) holding the laundry to be dried, heating means adapted to heat up said drying air, condenser means adapted to remove moisture from the hot moisture-laden drying air exiting the drum; said door (3) forms an air passage (5) establishing fluid communication with said drum (4) for conveying the hot moisture-laden drying air exiting the drum (4) towards and into said condenser means, said door (3) further forming one or more cavities (6) to encapsulate an aerogel layer (7) therein, so as to thermally insulate from the outside said door (3) forming said air passage (5).

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/02** (2006.01)

CPC (source: EP US)
D06F 58/04 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US)

Citation (search report)
• [Y] US 3099542 A 19630730 - SCOYK HOWARD E VAN
• [Y] US 2004123489 A1 20040701 - PANCHERI EUGENE JOSEPH [US], et al

Cited by
WO2014012786A1; CN103590225A; CN114263011A; DE102012212739A1; CN115350656A; CN105177914A; US11697901B2;
WO2016135599A1; US10526745B2; TWI834129B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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PL 1837434 T3 20090731

DOCDB simple family (application)
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