

Title (en)

Laundry drying domestic appliance having a steam nozzle unit

Title (de)

Wäschetrockner-Haushaltsgerät mit Dampfdüseninheit

Title (fr)

Appareil domestique pour sécher le linge doté d'une unité de buse de vapeur

Publication

**EP 2610391 A1 20130703 (EN)**

Application

**EP 11195957 A 20111228**

Priority

EP 11195957 A 20111228

Abstract (en)

The invention relates to a laundry dryer (2) comprising: a laundry storing compartment (20) for receiving laundry to be treated; a front wall with a front loading opening for loading laundry into the laundry storing compartment; a steam generation unit (140) for generating steam for laundry steam treatment; and a nozzle unit having at least one or a plurality of outlets for injecting steam generated in the steam generation unit (140) into the laundry storing compartment; wherein the laundry storing compartment includes a circumferential wall defined by a rotatable drum and a back wall (26, 30) opposite to the loading opening; and wherein the nozzle unit is arranged at the back wall (26, 30) of the laundry storing compartment opposite to the loading opening. According to the invention the nozzle unit comprises a nozzle body (252) projecting from the back wall (26, 30) of the laundry storing compartment so as to extend into the laundry storing compartment; and the nozzle body (252) is designed to provide a detangling function or to reduce tangling of the laundry stored in the laundry storing compartment during rotation of the drum.

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 58/203** (2013.01 - EP US)

Citation (applicant)

US 4207683 A 19800617 - HORTON ROBERTA J [US]

Citation (search report)

- [X] US 3256720 A 19660621 - GREEN RONALD E, et al
- [Y] US 2010115788 A1 20100513 - KIM YOUNG SOO [KR], et al
- [Y] DE 4021533 A1 19920109 - BAUKNECHT HAUSGERAETE [DE]
- [Y] US 2010180465 A1 20100722 - NOVELLO FLAVIO [IT], et al
- [A] US 2008000098 A1 20080103 - CHOI CHUL J [KR], et al
- [A] EP 2042644 A1 20090401 - LG ELECTRONICS INC [KR]
- [A] US 3242584 A 19660329 - JACOBS JAMES W
- [AD] US 4207683 A 19800617 - HORTON ROBERTA J [US]
- [A] DE 102006061210 A1 20080626 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN113355893A; EP4141164A4; EP2829653A1; AU2014200313B2; EP2821540A1; CN107653653A; US9885145B2; WO2015078512A1

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)

BA ME

DOCDB simple family (publication)

**EP 2610391 A1 20130703; EP 2610391 B1 20140730**

DOCDB simple family (application)

**EP 11195957 A 20111228**