

## Title (en)

Laundry drying domestic appliance having a steam nozzle unit

## Title (de)

Wäschetrockner-Haushaltsgerät mit Dampfdüseneinheit

## Title (fr)

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

## Publication

**EP 2610393 A1 20130703 (EN)**

## Application

**EP 12199322 A 20121224**

## Priority

- EP 11195958 A 20111228
- EP 12199322 A 20121224

## Abstract (en)

The invention relates to a laundry dryer which is comprising: a laundry storing compartment (17) for receiving laundry to be treated, a front wall with a front loading opening, a rear frame (72) including a compartment back wall (74), a rear wall (94) forming at least a portion of a back cover (95) of the dryer, a rear channel (20b, 20c) for guiding process air at the backside of the laundry storing compartment (17) to the laundry storing compartment (17), a steam generation unit for generating steam for laundry steam treatment, and a nozzle unit (88) having one or a plurality of nozzle outlets (92) for injecting steam into the laundry storing compartment (17). The compartment back wall (74) and the rear wall (94) define the rear channel (20b, 20c). The compartment back wall (74) comprises a plurality of back wall openings (84) for passing process air from the rear channel (20b, 20c) into the laundry storing compartment (17). The nozzle unit (88) comprises a base portion (96) mounted at the back side of the rear wall (94), at least one steam guiding portion (102) extending from the base portion (96) into or through said rear channel (20b, 20c) and fluidly connecting said base portion (96) to said one or more nozzle outlets (92). The nozzle unit (88) also comprises a connection portion (104) arranged at the base portion (96) and adapted to connect a steam conduit (106) connecting the steam generation unit (90) to the nozzle unit (88).

## IPC 8 full level

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## CPC (source: EP US)

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## Citation (applicant)

- EP 1887127 A1 20080213 - ELECTROLUX HOME PROD CORP [BE]
- WO 2004059070 A1 20040715 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al

## Citation (search report)

- [XYI] US 3242584 A 19660329 - JACOBS JAMES W
- [YA] US 2010115788 A1 20100513 - KIM YOUNG SOO [KR], et al
- [YA] US 2008000098 A1 20080103 - CHOI CHUL J [KR], et al
- [A] EP 2042644 A1 20090401 - LG ELECTRONICS INC [KR]
- [A] WO 2008038887 A1 20080403 - LG ELECTRONICS INC [KR], et al
- [AD] EP 1887127 A1 20080213 - ELECTROLUX HOME PROD CORP [BE]
- [A] US 2010180465 A1 20100722 - NOVIELLO FLAVIO [IT], et al

## Designated contracting state (EPC)

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