

Title (en)

Laundry drying domestic appliance having a steam nozzle unit

Title (de)

Haushaltsgerät zur Wäschetrocknung mit einer Dampfdüseneinheit

Title (fr)

Appareil domestique de séchage du linge doté d'une unité de buse à vapeur

Publication

**EP 2821540 B1 20201014 (EN)**

Application

**EP 13174976 A 20130703**

Priority

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Abstract (en)

[origin: EP2821540A1] The invention relates to a laundry dryer (2) comprising: a laundry storing compartment (17) for receiving laundry to be treated and including a circumferential wall defined by a rotatable drum and a compartment back wall (74), a front wall with a front loading opening for loading laundry into the laundry storing compartment (17), wherein the compartment back wall (74) is opposite to the loading opening (54), a rear frame including said compartment back wall (74), a rear wall (94) forming at least a portion of a back cover (95) of the dryer (2), 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 (300) comprising one or a plurality of nozzle outlets for injecting steam generated in the steam generation unit into the laundry storing compartment (17), and a drain outlet for draining water from within the nozzle unit (300) to the outside, wherein the compartment back wall (74) comprises a plurality of back wall openings designed for passing process air from the rear channel (20b, 20c) into the laundry storing compartment (17), wherein the nozzle outlet of the nozzle unit (300) is arranged between said compartment back wall (74) and said rear wall (94) inside said rear channel (20b, 20c) so that steam ejected from the nozzle outlet (92) passes through at least one back wall opening of the compartment back wall (74) before entering the laundry storing compartment (17), and wherein the drain outlet is draining the water from the nozzle unit (300) to the rear channel (20b, 20c).

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN111793955A; CN108570837A; CN112714811A

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