

Title (en)

STEAM LAUNDRY DRYER WITH IMPROVED WATER REPLENISHMENT FACILITY FOR A STEAM GENERATOR

Title (de)

DAMPFWÄSCHETROCKNER MIT VERBESSERTER WASSERAUFFÜLLUNGSMÖGLICHKEIT FÜR EINEN DAMPFERZEUGER

Title (fr)

SÈCHE-LINGE À VAPEUR POURVU D'UNE INSTALLATION DE REMPLISSAGE D'EAU AMÉLIORÉE POUR UN GÉNÉRATEUR DE VAPEUR

Publication

**EP 3087219 A1 20161102 (EN)**

Application

**EP 13814162 A 20131223**

Priority

EP 2013077907 W 20131223

Abstract (en)

[origin: WO2015096851A1] The present invention relates to a steam laundry dryer (1) which comprises a drum (2) for receiving clothes, a steam injection port (3) for injecting steam into the drum (2), a steam generator (4) which includes an intake port (5) for receiving water and a discharge port (6) for supplying pressurized steam to the steam injection port (3) and a water tank (7) for supplying water to the intake port (5). In the steam laundry dryer (1) according to the present invention, the water tank (7) includes a supply port (8) which is arranged to pumplessly supply under the action of gravity, water to the intake port (5) via an auxiliary fluid chamber (9). The auxiliary fluid chamber (9) includes an inlet port (10) which is fluidly connected to the supply port (8) and a first outlet port (11) which is fluidly connected to the intake port (5). A cross sectional area of a first fluid passage (12) which fluidly connects the inlet port (10) to the supply port (8) is smaller than a cross sectional area of a second fluid passage (13) which fluidly connects the first outlet port (11) to the intake port (5).

IPC 8 full level

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