

Title (en)

ATOMIZING GENERATOR AND CLOTHES TREATMENT APPARATUS COMPRISING THE ATOMIZING GENERATOR

Title (de)

ZERSTÄUBUNGSGENERATOR UND VORRICHTUNG ZUR BEHANDLUNG VON WÄSCHE MIT DEM ZERSTÄUBUNGSGENERATOR

Title (fr)

GÉNÉRATEUR D'ATOMISATION ET APPAREIL DE TRAITEMENT DE VÊTEMENTS COMPRENANT LE GÉNÉRATEUR D'ATOMISATION

Publication

**EP 3916146 B1 20240508 (EN)**

Application

**EP 20745012 A 20200106**

Priority

- CN 201910060553 A 20190122
- CN 201910165475 A 20190305
- CN 201910165012 A 20190305
- CN 2020070458 W 20200106

Abstract (en)

[origin: EP3916146A1] The present invention relates to the technical field of clothes treatment, and in particular, to an atomizing generator and a clothes treatment apparatus comprising the atomizing generator. It is an object of the present invention to solve the problem of low production efficiency of a clothes treatment apparatus due to low integration level of the existing atomizing generator. To this end, the atomizing generator in the present invention includes a housing, a partition plate being provided within the housing, the partition plate dividing the housing into an atomizing cavity and a mounting cavity which are in communication with each other; the atomizing cavity can accommodate liquid, an air inlet, a liquid inlet and a mist outlet which are in communication with the atomizing cavity are provided on the housing; and the atomizing generator further includes an atomizing element capable of atomizing the liquid within the atomizing cavity; a controller is provided in the mounting cavity, and the controller is connected to the atomizing element through a control wire to control the start/stop of the atomizing element. The present invention improves the integration level of the atomizing generator, facilitates the assembly and production of the clothes treatment apparatus, and improves the assembly efficiency and the yield.

IPC 8 full level

**B05B 7/00** (2006.01); **B05B 17/06** (2006.01); **D06F 25/00** (2006.01); **D06F 34/08** (2020.01); **D06F 39/08** (2006.01)

CPC (source: CN EP)

**B05B 7/0012** (2013.01 - EP); **B05B 17/0615** (2013.01 - EP); **D06F 34/08** (2020.02 - EP); **D06F 39/088** (2013.01 - EP); **D06F 39/40** (2024.01 - CN); **D06F 25/00** (2013.01 - EP)

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

DOCDB simple family (publication)

**EP 3916146 A1 20211201**; **EP 3916146 A4 20221019**; **EP 3916146 B1 20240508**; **EP 3916146 C0 20240508**; CN 111472140 A 20200731; CN 111472140 B 20220527; CN 111472141 A 20200731; CN 210177180 U 20200324

DOCDB simple family (application)

**EP 20745012 A 20200106**; CN 201910165012 A 20190305; CN 201910165475 A 20190305; CN 201920277107 U 20190305