

Title (en)

ATOMIZING DEVICE, ATOMIZING ASSEMBLY THEREOF, AND MANUFACTURING PROCESS OF ATOMIZING ASSEMBLY

Title (de)

ZERSTÄUBUNGSVORRICHTUNG, ZERSTÄUBUNGSANORDNUNG DAFÜR UND HERSTELLUNGSVERFAHREN DER ZERSTÄUBUNGSANORDNUNG

Title (fr)

DISPOSITIF D'ATOMISATION, ENSEMBLE D'ATOMISATION ASSOCIÉ ET PROCÉDÉ DE FABRICATION D'ENSEMBLE D'ATOMISATION

Publication

**EP 4344565 A1 20240403 (EN)**

Application

**EP 23187434 A 20230725**

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Abstract (en)

The present invention discloses an atomizing device, an atomizing assembly thereof, and a manufacturing process of the atomizing assembly. The atomizing assembly includes: a liquid conducting member configured for adsorbing an atomizable medium, and provided with at least two installation positions; a heating assembly sewn to the liquid conducting member; and electrodes, including at least two conductive electrodes respectively arranged on the installation positions and electrically connected to the heating assembly to enable the heating assembly to heat and atomize the atomizable medium on the liquid conducting member when electrified. The conductive electrode is fixed to the installation position in an assembly manner, so that the dry burning caused by the disengagement of the heating assembly and the liquid conducting member due to that the conductive electrode is stressed to pull the heating assembly during the assembly process is avoided, a good conductivity with the sewn heating assembly can be well achieved, the installation of the conductive electrode is convenient, and the contact area between the electrode and the outside is improved, resulting in a good conductivity; meanwhile, the manufacturing process is convenient and efficient, the material utilization rate is high, an automated production is facilitated, and the yield can be improved.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [XA] WO 2021151935 A2 20210805 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] US 2018279672 A1 20181004 - DAVIS MICHAEL F [US], et al
- [A] CN 209518269 U 20191022 - SHENZHEN GEEKVAPE TECH CO LTD

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