

Title (en)

ATOMIZER AND ELECTRONIC ATOMIZATION DEVICE

Title (de)

ZERSTÄUBER UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)

ATOMISEUR ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication

EP 4115754 A1 20230111 (EN)

Application

EP 20922599 A 20200304

Priority

CN 2020077743 W 20200304

Abstract (en)

Disclosed are an atomizer (1) and an electronic atomization device. A first intersection (1511) of the atomizer (1) and the electronic atomization device is located between a first air outlet (12) and an atomization assembly (14), and a second intersection (1512) is located between a first air inlet (11) and the atomization assembly (14). When the first air outlet (12) is subjected to a vaping action, an airflow flowing from the first air inlet (11) to the first air outlet (12) is generated in a first airflow channel (13), and the air pressure of the first airflow channel (13) at the second intersection (1512) is greater than the air pressure of a second airflow channel (151) at the second intersection (1512). Therefore, the pressure difference between the first airflow channel (13) and the second airflow channel (151) at the second intersection (1512) can drive an accumulated liquid in the first airflow channel (13) close to the second intersection (1512) to enter the second airflow channel (151) by means of the second intersection (1512) and be absorbed by a capillary liquid absorption structure (152), and the situation where the atomizer (1) and the electronic atomization device leak the liquid can be ameliorated.

IPC 8 full level

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CPC (source: EP US)

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