

Title (en)

POWER SUPPLY DEVICE AND AEROSOL GENERATION DEVICE

Title (de)

STROMVERSORGUNGSVORRICHTUNG UND AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF D'ALIMENTATION ÉLECTRIQUE ET DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication

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Application

EP 21772442 A 20210318

Priority

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Abstract (en)

Disclosed is a power supply device (20). The power supply device (20) is used for an aerosol generation device (100). The aerosol generation device (100) comprises an atomizer (10) and the power supply device (20), wherein an airflow channel is formed inside the atomizer (10). The power supply device (20) comprises a power supply main body (21) and a sensor (23), wherein a sensing channel (2111), a filtering cavity (2112) and a communication hole (2121) are provided inside the power supply main body (21), the sensing channel (2111) and the filtering cavity (2112) are separated, and the communication hole (2121) is in communication with the sensing channel (2111) and the filtering cavity (2112); the sensor (23) is arranged in the sensing channel (2111), and the sensor (23) is used for detecting physical characteristics and suction signals of gas in the sensing channel (2111); a connecting end is arranged at one end of the power supply main body (21), the connecting end being used for being connected to the atomizer (10), and a through hole (221) being provided in the connecting end. The power supply device (20) can intercept solids and/or liquids entering the sensing channel (2111) from the communication hole (2121) and influencing the detection of the sensor (23). In addition, further disclosed is an aerosol generation device (100) using the power supply device (20).

IPC 8 full level

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