Title (en)

SMOKING DEVICE WITH HEATING PROFILE BASED ON PUFF FREQUENCY

Title (de)

RAUCHVORRICHTUNG MIT HEIZPROFIL AUF BASIS DER ZUGFREQUENZ

Title (fr)

DISPOSITIF À FUMER DOTÉ D'UN PROFIL DE CHAUFFAGE BASÉ SUR UNE FRÉQUENCE DES BOUFFÉES

Publication

EP 4208056 A1 20230712 (EN)

Application

EP 21763391 A 20210901

Priority

- EP 20194709 A 20200904
- EP 2021074184 W 20210901

Abstract (en)

[origin: WO2022049157A1] A method is provided of operating an aerosol-generating device for generating aerosol from an aerosol-forming substrate during a usage session. The aerosol-generating device comprises a power supply arranged to supply power to a heater during the usage session; and control electronics for controlling the supply of power from the power supply to the heater. The method comprises using the control electronics to: associate a puff applied in the usage session with a corresponding target operating temperature for the heater based on a cumulative puff count of the applied puff in the usage session and on a time interval between the applied puff and an earlier puff applied in the usage session; and for the applied puff, control the supply of power from the power supply in order to adjust a temperature of the heater to the target operating temperature associated with the applied puff.

IPC 8 full level

A24F 40/57 (2020.01)

CPC (source: EP IL KR US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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