

Title (en)

ELECTRONIC CIGARETTE CONTROL METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER ELEKTRONISCHEN ZIGARETTE

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE DE CIGARETTE ÉLECTRONIQUE

Publication

EP 4129093 A4 20240501 (EN)

Application

EP 21780386 A 20210311

Priority

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- CN 2021080244 W 20210311

Abstract (en)

[origin: EP4129093A1] An electronic cigarette control method and apparatus relating to the technical field of simulated smoking. The housing of the electronic cigarette is integrated with a pressure sensor. The method comprises: obtaining the pressure data detected by a pressure sensor (S110); when the pressure data exceeds a predetermined threshold, determining, according to the pressure data, the working parameters of an atomizer, and controls the atomizer so that the atomization process is performed in accordance with the working parameters, the working parameters comprising at least one of a working voltage, a working current, an output power and the temperature in an atomization cavity (S120). The method solves the problem in the related art of low playability of electronic cigarettes and the lack of fun when using them, and achieves the effect of enhancing the playability of electronic cigarettes.

IPC 8 full level

A24F 40/50 (2020.01); **A24F 40/20** (2020.01); **A24F 40/60** (2020.01)

CPC (source: EP US)

A24F 40/40 (2020.01 - US); **A24F 40/50** (2020.01 - EP); **A24F 40/51** (2020.01 - US); **A24F 40/60** (2020.01 - EP)

Citation (search report)

- [X] WO 2018185460 A1 20181011 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
- [X] CN 106037022 A 20161026 - SHENZHEN THINKINGTOP MICRO-ELECTRONIC TECH LTD
- [A] EP 3524071 A1 20190814 - NICOVENTURES HOLDINGS LTD [GB]
- [A] CN 103458936 A 20131218 - FRESENIUS MEDICAL CARE DE GMBH
- See references of WO 2021197018A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 21780386 A 20210311; CN 202010232624 A 20200328; CN 2021080244 W 20210311; US 202117907548 A 20210311