

Title (en)
SMOKING SET AND CONTROL METHOD THEREFOR

Title (de)
RAUCHSET UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
ENSEMBLE À FUMER ET SON PROCÉDÉ DE COMMANDE

Publication
EP 4136993 A4 20231025 (EN)

Application
EP 21788207 A 20210413

Priority
• CN 202010291641 A 20200414
• CN 2021086914 W 20210413

Abstract (en)
[origin: EP4136993A1] The present application relates to the field of smoking sets, and provides a smoking set and a control method therefor. The smoking set includes a cavity and a heater; a cover; a driving apparatus, configured to drive the cover to move relative to the cavity, so as to open or cover the cavity; a first detection apparatus, provided downstream of the cover, the first detection apparatus being configured to detect whether there is a cigarette to be inserted into the cavity, and if it is detected that there is a cigarette to be inserted into the cavity, output a cigarette insertion signal; and a controller, configured to acquire the cigarette insertion signal, and control, according to the cigarette insertion signal, the driving apparatus to drive the cover to move relative to the cavity, so as to open the cavity such that the cigarette can be inserted into the cavity. According to the present application, when the detection apparatus detects that there is a cigarette to be inserted into the cavity, the driving apparatus can be controlled to drive the cover to move relative to the cavity, so as to open the cavity such that the cigarette can be inserted into the cavity. A user is not required to manually slide the cover to open the cavity, thereby simplifying the operation of the smoking set, and improving the user experience.

IPC 8 full level
A24F 40/40 (2020.01)

CPC (source: CN EP US)
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Citation (search report)
• [A] WO 2019137560 A1 20190718 - SHENZHEN HAPPY VAPING TECH LTD [CN]
• [A] WO 2019185747 A1 20191003 - NICOVENTURES TRADING LTD [GB]
• See also references of WO 2021208908A1

Designated contracting state (EPC)
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EP 4136993 A1 20230222; **EP 4136993 A4 20231025**; CN 113519908 A 20211022; US 2023157362 A1 20230525;
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