

Title (en)

PLUG-IN-TYPE LOW-OXYGEN HEATING SMOKING SET AND CIGARETTE SYSTEM INCLUDING SAME, AND SMOKING METHOD

Title (de)

SAUERSTOFFARMES EINSTECK-HEIZRAUCHSET UND ZIGARETTENSYSTEM DAMIT SOWIE RAUCHVERFAHREN

Title (fr)

ENSEMBLE À FUMER À CHAUFFAGE PAUVRE EN OXYGÈNE DE TYPE ENFICHABLE ET SYSTÈME DE CIGARETTE LE COMPRENANT, ET PROCÉDÉ POUR FUMER

Publication

EP 4005422 A4 20221221 (EN)

Application

EP 20933600 A 20200929

Priority

- CN 202010349485 A 20200428
- CN 202010349460 A 20200428
- CN 2020118761 W 20200929

Abstract (en)

[origin: EP4005422A1] The present disclosure relates to the field of heating non-combustion smoking set, and in particular, to a plug-in oxygen-deficient heating smoking set, as well as a cigarette system and smoking method containing the smoking set. The smoking set includes a smoke extraction element (6) that can be detached from the smoking set or fixed in a cigarette accommodating cavity (3); the smoke extraction element (6) includes a hollow smoke extraction cone (6-1) and a mainstream smoke forming tube (6-2) that can be fixedly or detachably sleeved on the periphery of a cone body (6-1-1) of the smoke extraction cone (6-1); the mainstream smoke forming tube (6-2) has an internal cavity (6-2-1), and the outline of the cavity (6-2-1) has a Venturi tube structure. The mainstream smoke forming tube of the present disclosure has an internal cavity, and the outline of the cavity has a Venturi tube structure, the smoke extraction effect is enhanced, and the oxygen content of the tobacco section can be reduced while the fresh smoke generated in the enclosed space can be extracted, which can meet the requirements of smoke concentration.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 3796223 A 19740312 - TARRANT J
- [A] EP 2967137 A2 20160120 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] CN 209031264 U 20190628 - CHINA TOBACCO HUNAN IND CO LTD
- [A] US 2018014574 A1 20180118 - ROGAN ANDREW ROBERT JOHN [GB]
- See references of WO 2021218025A1

Designated contracting state (EPC)

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