

Title (en)

AEROSOL GENERATING PRODUCT HAVING COMPOSITE-FORM BLOCKING MEMBER

Title (de)

AEROSOLERZEUGENDES PRODUKT MIT VERBUNDFORMBLOCKIERUNGSELEMENT

Title (fr)

PRODUIT DE GÉNÉRATION D'AÉROSOL COMPRENANT UN ÉLÉMENT DE BLOCAGE DE FORME COMPOSITE

Publication

EP 4327675 A4 20240522 (EN)

Application

EP 22868444 A 20220623

Priority

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- CN 2022100623 W 20220623

Abstract (en)

[origin: EP4327675A1] The present disclosure discloses an aerosol generating product with a composite plugging part, including an integrated outer sleeve (1), an aerosol generating matrix (6), a plugging part (2), a hollow cavity structure (3) and a filtering part (4) located inside the outer sleeve (1); the plugging part (2) includes a tube wall (21) and a tube cavity (22), the tube wall (21) has a groove corrugated structure, including an outer layer (211), an inner layer (212), and a groove corrugated layer (213) between them; the outer layer (211) limits the outer surface of the plugging part (2), and the inner layer (212) limits the tube cavity (22); a convergent sheet rod (221) is provided inside the tube cavity (22). During smoking, the convergent sheet rod shrinks by heat and blocks part of the central airflow, so that more aerosols contact with aroma-enhancing materials and / or smoking materials on the groove corrugated layer (213), thereby improving the effect of aerosol flavoring and increasing smoke amount.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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- [XAI] WO 2020220592 A1 20201105 - CHINA TOBACCO YUNNAN IND CO LTD [CN]
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- [A] CN 109645559 A 20190419 - YANG CHENGYUN, et al
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- See also references of WO 2023245529A1

Designated contracting state (EPC)

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