

Title (en)

AEROSOL GENERATED PRODUCT, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF

Title (de)

AEROSOLERZEUGTES PRODUKT, VERFAHREN ZU SEINER HERSTELLUNG UND SEINE ANWENDUNG

Title (fr)

PRODUIT GÉNÉRÉ SOUS FORME D'AÉROSOL, PROCÉDÉ DE PRÉPARATION ASSOCIÉ ET APPLICATION ASSOCIÉE

Publication

**EP 3932230 A1 20220105 (EN)**

Application

**EP 19918344 A 20191101**

Priority

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- CN 2019115101 W 20191101

Abstract (en)

An aerosol generating product comprising an aerosol atomizing element and a smoke cooling element, and the smoke cooling element is located downstream of the flow direction of the smoke generated by the aerosol atomizing element. Furthermore, a filter element is located downstream of the flow direction of the smoke through which the smoke cooling element passes; or a hollow element located upstream of the flow direction of the smoke through which the smoke cooling element passes. The smoke cooling element is composed of particles, and the structure comprises a gap for smoke of a cigarette to pass through. The gap through which cigarette smoke can pass is a three-dimensional and non-linear gap. The structure is in the form of rods. When the smoke aerosol passes through the cooling element, ensuring the smoke to pass through smoothly. It has a large area for the smoke cooling and maintains a low pressure drop at the same time because of the through holes arranged in the porous material, so as to ensure enough flux of smoke and enhance the experience of cigarette consumers.

IPC 8 full level

**A24F 47/00** (2020.01)

CPC (source: CN EP KR US)

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