

Title (en)

BLANKING-TYPE PARTICULATE AEROSOL GENERATING ARTICLE AND AEROSOL GENERATING SYSTEM

Title (de)

GRANULIERTES AEROSOLERZEUGENDES PRODUKT VOM AUSSTANZUNGSTYP UND AEROSOLERZEUGENDES SYSTEM

Title (fr)

ARTICLE DE GÉNÉRATION D'AÉROSOL PARTICULAIRE DE TYPE À OBTURATION ET SYSTÈME DE GÉNÉRATION D'AÉROSOL

Publication

EP 4278911 B1 20240626 (EN)

Application

EP 22851379 A 20220325

Priority

CN 2022082993 W 20220325

Abstract (en)

[origin: EP4278911A1] The present disclosure discloses a blanking-type granular aerosol generating product, wherein, the product includes a main part and an outer sleeve located outside the main part (5); the main part includes an inner tube (1) as well as a filter component (2) and a hollow component (3) in the inner tube (1), the hollow cavity of the hollow component (3) has an aerosol source-material granule component (4); the outer sleeve (5) has a top opening (51) and a sealing bottom surface (52), the sealing bottom surface (52) is used to plug the aerosol source-material granule component (4) in the hollow component (3); the outer sleeve (5) can axially move relative to the main part to form a cavity (6) between the upstream end face of the hollow component (3) and the sealing bottom surface (52), the aerosol source-material granule component (4) contained in the hollow component (3) falls into the cavity (6) under the action of gravity, and the hollow cavity area of the hollow component (3) forms an airflow channel (7).

IPC 8 full level

A24D 1/20 (2020.01); **A24F 40/00** (2020.01); **A24F 40/42** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP)

A24D 1/20 (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01); **A24F 40/42** (2020.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4278911 A1 20231122; EP 4278911 B1 20240626; WO 2023178644 A1 20230928

DOCDB simple family (application)

EP 22851379 A 20220325; CN 2022082993 W 20220325