

Title (en)  
PARTICLE TYPE AEROSOL GENERATING PRODUCT WITHOUT MULTI-THROUGH-HOLE FIXED MEMBER SEGMENT

Title (de)  
KÖRNIGES AEROSOLERZEUGENDES PRODUKT OHNE VERWENDUNG EINES FIRMWARE-ABSCHNITTS MIT MEHREREN LÖCHERN

Title (fr)  
PRODUIT DE GÉNÉRATION D'AÉROSOL DE TYPE À PARTICULES SANS SEGMENT ÉLÉMENT FIXE À TROUS TRAVERSANTS MULTIPLES

Publication  
**EP 4278912 A4 20240508 (EN)**

Application  
**EP 22859452 A 20220325**

Priority  
CN 2022082992 W 20220325

Abstract (en)  
[origin: EP4278912A1] The present disclosure discloses a granular aerosol generating product without using a multi-hole firmware section, including an outer sleeve (2), a sealing film (1) at the distal lip end plugging the outer sleeve (2), the product also includes an inner sleeve (3) inserted into the outer sleeve (2), the bottom of the inner sleeve (3) is sealed by a breakable plugging part (5), the downstream of the breakable plugging part (5) is a granule filling section filled with aerosol source-material granule (9), a filtering section (4) is provided in the downstream of the granule filling section, and there is a distance between the breakable plugging part (5) and the sealing film (1) in the axial direction to form an original cavity section (8). The present disclosure also discloses a set combining an aerosol generating appliance with a barb on a heating element with the above-mentioned granular aerosol generating product without using a multi-hole firmware section.

IPC 8 full level  
**A24D 1/20** (2020.01); **A24F 40/46** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01)

CPC (source: EP)  
**A24D 1/20** (2020.01); **A24F 40/46** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01)

Citation (search report)

- [XAI] US 2020196674 A1 20200625 - ZUBER GERARD [CH], et al
- [A] CN 113679096 A 20211123 - CHINA TOBACCO ANHUI IND CO LTD
- [A] CN 113966860 A 20220125 - CHINA TOBACCO YUNNAN IND CO LTD
- See also references of WO 2023178643A1

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4278912 A1 20231122; EP 4278912 A4 20240508; WO 2023178643 A1 20230928**

DOCDB simple family (application)  
**EP 22859452 A 20220325; CN 2022082992 W 20220325**