

Title (en)

AEROSOL-GENERATING ARTICLE FILTER HAVING NOVEL FILTRATION MATERIAL

Title (de)

FILTER FÜR AEROSOLERZEUGENDE ARTIKEL MIT NEUARTIGEM FILTERMATERIAL

Title (fr)

FILTRE D'ARTICLE DE GÉNÉRATION D'AÉROSOL AYANT UN NOUVEAU MATÉRIAU DE FILTRATION

Publication

**EP 4069004 A1 20221012 (EN)**

Application

**EP 20812068 A 20201130**

Priority

- EP 19386050 A 20191203
- EP 2020083959 W 20201130

Abstract (en)

[origin: WO2021110596A1] An aerosol-generating article (10)(100)(310) comprises: an aerosol-generating substrate (12)(114)(312); and a filter (18)(122)(314) in axial alignment with the aerosol- generating substrate, the filter (18)(122)(314) comprising at least one filter segment (126)(318) of filtration material comprising a plurality of fibres comprising a polyhydroxyalkanoate compound, wherein the fibres have a denier per filament (dpf) of between 5.0 and 12.0. The at least one filter segment comprises at least 20 percent by weight of the polyhydroxyalkanoate compound

IPC 8 full level

**A24D 3/06** (2006.01); **A24D 3/08** (2006.01)

CPC (source: EP KR US)

**A24D 1/02** (2013.01 - KR); **A24D 1/045** (2013.01 - KR US); **A24D 1/20** (2020.01 - KR US); **A24D 3/063** (2013.01 - KR); **A24D 3/064** (2013.01 - EP KR US); **A24D 3/068** (2013.01 - EP KR US); **A24D 3/08** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2021110596A1

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

DOCDB simple family (publication)

**WO 2021110596 A1 20210610**; BR 112022010055 A2 20220816; CN 114745977 A 20220712; EP 4069004 A1 20221012; EP 4069004 B1 20231004; EP 4069004 C0 20231004; JP 2023505461 A 20230209; KR 20220110511 A 20220808; US 2023000140 A1 20230105

DOCDB simple family (application)

**EP 2020083959 W 20201130**; BR 112022010055 A 20201130; CN 202080083997 A 20201130; EP 20812068 A 20201130; JP 2022533093 A 20201130; KR 20227021559 A 20201130; US 202017779925 A 20201130