

Title (en)
FIRM FILTER FOR AEROSOL-GENERATING ARTICLE

Title (de)
STARRER FILTER FÜR AEROSOLERZEUGUNGSARTIKEL

Title (fr)
FILTRE FERME POUR ARTICLE DE PRODUCTION D'AÉROSOL

Publication
EP 3731664 A1 20201104 (EN)

Application
EP 18836891 A 20181217

Priority
• EP 17210881 A 20171228
• IB 2018060191 W 20181217

Abstract (en)
[origin: WO2019130155A1] An aerosol-generating article (10) includes an aerosol forming substrate (20) and a filter (30) downstream of the substrate. The filter comprises filter material having filaments that are distributed throughout a transverse cross section of the filter. The filter material comprises from about 7.5% by weight to about 11.5% by weight of plasticizer or from about 10.5% by weight to about 15% by weight of plasticizer. The filters may be hard, while maintaining suitable resistance to draw.

IPC 8 full level
A24D 3/04 (2006.01); **A24D 3/17** (2020.01)

CPC (source: EP KR US)
A24D 1/02 (2013.01 - US); **A24D 1/045** (2013.01 - KR US); **A24D 1/20** (2020.01 - KR US); **A24D 3/022** (2013.01 - KR);
A24D 3/04 (2013.01 - EP KR US); **A24D 3/048** (2013.01 - KR); **A24D 3/063** (2013.01 - KR US); **A24D 3/10** (2013.01 - KR US);
A24D 3/14 (2013.01 - KR US); **A24D 3/17** (2020.01 - EP KR US)

Citation (search report)
See references of WO 2019130155A1

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 2019130155 A1 20190704; BR 112020010454 A2 20201124; CN 111432666 A 20200717; EP 3731664 A1 20201104;
JP 2021509267 A 20210325; KR 20200099145 A 20200821; RU 2020121170 A 20220128; RU 2020121170 A3 20220305;
US 2020329758 A1 20201022

DOCDB simple family (application)
IB 2018060191 W 20181217; BR 112020010454 A 20181217; CN 201880078519 A 20181217; EP 18836891 A 20181217;
JP 2020535254 A 20181217; KR 20207017733 A 20181217; RU 2020121170 A 20181217; US 201816957665 A 20181217