

Title (en)  
SMOKING ARTICLE PROVIDED WITH FILTER

Title (de)  
RAUCHARTIKEL MIT FILTER

Title (fr)  
ARTICLE À FUMER POURVU D'UN FILTRE

Publication  
**EP 3586652 A4 20201216 (EN)**

Application  
**EP 17899488 A 20170306**

Priority  
JP 2017008832 W 20170306

Abstract (en)  
[origin: EP3586652A1] A smoking article provided with a filter including an aerosol generating member, a filter including a filter material and one or more filter wrappers wound around an outer circumferential surface of the filter material, and an outer wrapper wound around the outer circumferential surfaces of an end part of the aerosol generating member and the filter, wherein the outer circumferential surface of the outer wrapper has an arithmetic mean roughness of less than 2.0  $\mu\text{m}$ , and the filter wound with the outer wrapper has a compression recovery of 60% or more after a compression load of 2.5 N is applied to a range of a length of 10 mm in the diameter direction thereof.

IPC 8 full level  
**A24D 3/04** (2006.01); **A24D 1/00** (2020.01); **A24D 1/02** (2006.01)

CPC (source: EP KR RU US)  
**A24C 5/47** (2013.01 - US); **A24C 5/475** (2013.01 - KR); **A24D 1/006** (2013.01 - EP US); **A24D 1/02** (2013.01 - EP);  
**A24D 3/04** (2013.01 - EP RU US); **A24D 3/17** (2020.01 - KR)

Citation (search report)

- [A] WO 2015108078 A1 20150723 - JAPAN TOBACCO INC [JP]
- [DA] JP 2016523565 A 20160812 & US 2016128378 A1 20160512 - KUERSTEINER CHARLES [CH], et al
- [A] EP 2910134 A1 20150826 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] US 2016208440 A1 20160721 - BYRD JR MEDWICK VAUGHAN [US], et al
- See also references of WO 2018163253A1

Cited by  
EP3945910B1

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 3586652 A1 20200101**; **EP 3586652 A4 20201216**; **EP 3586652 A9 20230222**; **EP 3586652 B1 20211229**; **EP 3586652 B9 20230301**;  
CN 110381756 A 20191025; CN 110381756 B 20220208; JP 6790228 B2 20201125; JP WO2018163253 A1 20191107;  
KR 102297811 B1 20210902; KR 20190120804 A 20191024; RU 2720966 C1 20200515; US 2019387788 A1 20191226;  
WO 2018163253 A1 20180913

DOCDB simple family (application)  
**EP 17899488 A 20170306**; CN 201780088126 A 20170306; JP 2017008832 W 20170306; JP 2019503844 A 20170306;  
KR 20197028649 A 20170306; RU 2019130984 A 20170306; US 201916561723 A 20190905