

Title (en)
AEROSOL-GENERATING ARTICLE WITH VENTILATED HOLLOW SEGMENT

Title (de)
AEROSOLERZEUGENDER ARTIKEL MIT BELÜFTETEM HOHLSEGMENT

Title (fr)
ARTICLE DE GÉNÉRATION D'AÉROSOL À SEGMENT CREUX VENTILÉ

Publication
EP 3752013 B1 20221109 (EN)

Application
EP 19832124 A 20191220

Priority
• EP 18214929 A 20181220
• EP 2019086801 W 20191220

Abstract (en)
[origin: WO2020128045A1] An aerosol-generating article (10) for producing an inhalable aerosol when heated comprises: a rod of aerosol-generating substrate (12); a mouthpiece segment (18) comprising a plug of filtration material and arranged downstream of, and longitudinally aligned with, the rod (12); and a hollow tubular segment (16) between the rod (12) and the mouthpiece segment (18). The hollow tube segment (16) is longitudinally aligned with the rod (12) and the mouthpiece segment (18), and defines a cavity extending all the way to an upstream end of the mouthpiece segment (18). The article (10) further comprises a ventilation zone (26) at a location along the hollow tubular segment. An equivalent internal diameter of the hollow tubular segment (16) at the location of the ventilation zone (26) is at least about 5 millimetres. The rod (12) of aerosol-generating substrate comprises at least an aerosol former, the rod (12) having an aerosol former content of at least about 10 percent on a dry weight basis.

IPC 8 full level
A24D 1/20 (2020.01); **A24D 1/02** (2006.01)

CPC (source: EP IL KR US)
A24C 5/1885 (2013.01 - KR); **A24D 1/02** (2013.01 - KR); **A24D 1/027** (2013.01 - EP IL KR US); **A24D 1/042** (2013.01 - KR); **A24D 1/045** (2013.01 - KR); **A24D 1/20** (2020.01 - EP IL KR US); **A24D 3/0279** (2013.01 - KR); **A24D 3/043** (2013.01 - KR); **A24D 3/10** (2013.01 - KR)

Citation (examination)
WO 2016174141 A1 20161103 - PHILIP MORRIS PRODUCTS SA [CH]

Citation (opposition)
Opponent : IMPERIAL TOBACCO LIMITED
• CN 104921296 A 20150923 - CHINA TOBACCO YUNNAN IND CO LTD
• WO 2017198838 A1 20171123 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
• WO 2013120849 A1 20130822 - PHILIP MORRIS PROD [CH]
• CN 207912052 U 20180928 - CHINA TOBACCO GUANGDONG IND CO
• WO 2014158051 A1 20141002 - PHILIP MORRIS PRODUCTS SA [CH]
• KR 20180088770 A 20180807 - SHENZHEN DAKAVAPE TECH CO LTD [CN]
• WO 2012164009 A2 20121206 - PHILIP MORRIS PROD [CH], et al
• WO 2011101164 A1 20110825 - PHILIP MORRIS PROD [CH], et al
• EP 3398460 A1 20181107 - REYNOLDS TOBACCO CO R [US]
• WO 2015082650 A1 20150611 - PHILIP MORRIS PRODUCTS SA [CH]
• WO 2017051034 A1 20170330 - LTR IND [FR]
• EP 2783590 A1 20141001 - JAPAN TOBACCO INC [JP]
• WO 9632854 A2 19961024 - PHILIP MORRIS PROD [US], et al
• WO 2017198837 A1 20171123 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
Opponent : Nicoventures Trading Limited
• WO 2020100927 A1 20200522 - JAPAN TOBACCO INC [JP]
• WO 2020100872 A1 20200522 - JAPAN TOBACCO INC [JP]
• WO 2017198876 A1 20171123 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
• WO 2016156219 A1 20161006 - PHILIP MORRIS PRODUCTS SA [CH]
• WO 2013190036 A1 20131227 - PHILIP MORRIS PROD [CH]
• WO 2016156223 A1 20161006 - PHILIP MORRIS PRODUCTS SA [CH]
• WO 2017198838 A1 20171123 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
• WO 2008110934 A2 20080918 - PHILIP MORRIS PROD [CH]
• WO 2011101164 A1 20110825 - PHILIP MORRIS PROD [CH], et al
• US 5692525 A 19971202 - COUNTS MARY ELLEN [US], et al
• EP 3881687 A1 20210922 - JAPAN TOBACCO INC [JP]
• EP 3881699 A1 20210922 - JAPAN TOBACCO INC [JP]

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)
WO 2020128045 A1 20200625; AU 2019408541 A1 20210513; BR 112021010712 A2 20210831; CA 3116957 A1 20200625; CN 113163853 A 20210723; EP 3752013 A1 20201223; EP 3752013 B1 20221109; EP 4193851 A1 20230614; ES 2933688 T3 20230213; HU E060424 T2 20230228; IL 283924 A 20210729; JP 2020114205 A 20200730; JP 2022514750 A 20220215; JP 7373388 B2 20231102; KR 20210107039 A 20210831; LT 3752013 T 20221212; MX 2021006883 A 20210702; PH 12021550874 A1 20211018; PL 3752013 T3 20230220; US 2022015414 A1 20220120; ZA 202102097 B 20240626

DOCDB simple family (application)
EP 2019086801 W 20191220; AU 2019408541 A 20191220; BR 112021010712 A 20191220; CA 3116957 A 20191220; CN 201980081151 A 20191220; EP 19832124 A 20191220; EP 22205871 A 20191220; ES 19832124 T 20191220; HU E19832124 A 20191220; IL 28392421 A 20210613; JP 2019230503 A 20191220; JP 2021535190 A 20191220; KR 20217022129 A 20191220;

LT EP2019086801 T 20191220; MX 2021006883 A 20191220; PH 12021550874 A 20210415; PL 19832124 T 20191220;
US 201917413315 A 20191220; ZA 202102097 A 20210329