

Title (en)
CIGARETTE AND AEROSOL GENERATION DEVICE FOR CIGARETTE

Title (de)
ZIGARETTE UND AEROSOLERZEUGUNGSVORRICHTUNG FÜR ZIGARETTE

Title (fr)
CIGARETTE ET DISPOSITIF DE GÉNÉRATION D'AÉROSOL POUR CIGARETTE

Publication
EP 3847915 A4 20220105 (EN)

Application
EP 19886799 A 20191113

Priority
• KR 20180146424 A 20181123
• KR 2019015419 W 20191113

Abstract (en)
[origin: US2021000175A1] Provided is a cigarette including: a tobacco rod; a first air flow delivery element adjacent to a first end of the tobacco rod and having a first porosity; and a second air flow delivery element adjacent to a second end of the tobacco rod and having a second porosity greater than or equal to the first porosity, wherein the second porosity is greater than or equal to 30%.

IPC 8 full level
A24D 3/10 (2006.01); **A24D 1/20** (2020.01); **A24F 40/30** (2020.01)

CPC (source: EP KR US)
A24D 1/045 (2013.01 - KR); **A24D 1/20** (2020.01 - EP KR US); **A24D 3/0279** (2013.01 - KR); **A24D 3/0287** (2013.01 - KR); **A24D 3/10** (2013.01 - EP KR US); **A24D 3/17** (2020.01 - US); **A24F 40/20** (2020.01 - US); **A24F 40/30** (2020.01 - EP); **A24F 40/46** (2020.01 - KR); **A24F 40/50** (2020.01 - KR); **A24F 40/57** (2020.01 - US)

Citation (search report)
• [X] US 2015040924 A1 20150212 - MIRONOV OLEG [CH], et al
• [I] KR 20180111460 A 20181011 - KT & G CORP [KR]
• [I] WO 2017207586 A1 20171207 - PHILIP MORRIS PRODUCTS SA [CH]
• [I] GB 2534208 A 20160720 - NGIP RES LTD [GB]
• [I] EP 2625975 A1 20130814 - PHILIP MORRIS PROD [CH]
• [A] SAMEER H KAREEM ET AL: "Porosity Measurements of Cellulose Acetate Filters for Some Brands of Cigarette Using Mercury Porosimeter", 1 January 2010 (2010-01-01), pages 57 - 66, XP055697285, Retrieved from the Internet <URL:https://www.iasj.net/iasj?func=fulltext&ald=77325> [retrieved on 20200520]
• See references of WO 2020105942A1

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)
US 2021000175 A1 20210107; CN 111741689 A 20201002; EP 3847915 A1 20210714; EP 3847915 A4 20220105; JP 2021514626 A 20210617; JP 7088595 B2 20220621; KR 102400620 B1 20220520; KR 20200061072 A 20200602; WO 2020105942 A1 20200528

DOCDB simple family (application)
US 201916976973 A 20191113; CN 201980014951 A 20191113; EP 19886799 A 20191113; JP 2020544491 A 20191113; KR 20180146424 A 20181123; KR 2019015419 W 20191113