

Title (en)
SUPPORT ELEMENT FOR AEROSOL GENERATING ARTICLE

Title (de)
STÜTZELEMENT FÜR AEROSOLERZEUGUNGSARTIKEL

Title (fr)
ÉLÉMENT DE SUPPORT POUR ARTICLE DE PRODUCTION D'AÉROSOL

Publication
EP 3687323 B1 20211201 (EN)

Application
EP 18778485 A 20180927

Priority
• EP 17193498 A 20170927
• EP 2018076362 W 20180927

Abstract (en)
[origin: WO2019063737A1] An aerosol-generating article (10) comprising an aerosol generating substrate (2), a hollow tubular support element (3), an aerosol-cooling element (104) and a filter segment (105). The hollow tubular support element (43) has an annular shaped peripheral region of material, which surrounds an opening (25). Portions of the hollow tubular support element (3) inwardly projects into the opening (25) to define internal projections (26). These projections (26) provide a support barrier for at least part of the aerosol-forming substrate (2).

IPC 8 full level
A24D 1/20 (2020.01)

CPC (source: EP KR US)
A24D 1/20 (2020.01 - EP US); **A24D 3/17** (2020.01 - US); **A24F 40/20** (2020.01 - US); **A24F 40/40** (2020.01 - KR); **A24F 40/46** (2020.01 - KR US); **A24B 15/167** (2016.10 - KR); **A24F 40/20** (2020.01 - KR)

Citation (opposition)
Opponent : MERH-IP
• EP 0476349 A2 19920325 - REYNOLDS TOBACCO CO R [US]
• WO 2010136751 A2 20101202 - FILTRONA INT LTD [GB], et al
• EP 1072201 A2 20010131 - FILTRONA INT LTD [GB], et al
• US 2012255569 A1 20121011 - BEARD KENNETH ALLEN [US], et al
• US 3242925 A 19660329 - STERNE THOMAS A
• "Paper ", WIKIPEDIA, 27 November 2016 (2016-11-27), XP055960619, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Paper&oldid=751811478>
• "Cigarette filter ", WIKIPEDIA, 4 December 2016 (2016-12-04), XP055960623, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Cigarette_filter&oldid=753046656>

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 2019063737 A1 20190404; BR 112020004134 A2 20200901; CN 111093402 A 20200501; CN 111093402 B 20231215; EP 3687323 A1 20200805; EP 3687323 B1 20211201; JP 2020534834 A 20201203; JP 2023156434 A 20231024; KR 20200056993 A 20200525; RU 2020113207 A 20211027; RU 2020113207 A3 20211216; US 2020205468 A1 20200702

DOCDB simple family (application)
EP 2018076362 W 20180927; BR 112020004134 A 20180927; CN 201880059464 A 20180927; EP 18778485 A 20180927; JP 2020517292 A 20180927; JP 2023132012 A 20230814; KR 20207007620 A 20180927; RU 2020113207 A 20180927; US 201816634760 A 20180927