

Title (en)
AEROSOL GENERATING ARTICLE WITH RETRACTABLE HEAT SOURCE

Title (de)
AEROSOLERZEUGUNGSARTIKEL MIT ZURÜCKZIEHBARER WÄRMEQUELLE

Title (fr)
ARTICLE DE PRODUCTION D'AÉROSOL COMPRENANT UNE SOURCE DE CHALEUR RÉTRACTABLE

Publication
EP 3752015 A1 20201223 (EN)

Application
EP 19702562 A 20190129

Priority
• EP 18157252 A 20180216
• EP 2019052073 W 20190129

Abstract (en)
[origin: WO2019158353A1] An aerosol generating article (100) having a proximal end (102) and a distal end (104), comprising an inner tubular element (105) having a mouthpiece end (107) and an opposed heat source end positioned at the distal end of the aerosol generating article, and an outer tubular element (130) extending from the proximal end of the aerosol generating article towards the distal end thereof. The inner tubular element comprises an inner wrapping sheet (109) circumscribing, in a co-axial arrangement: a combustible heat source (115) positioned towards the distal end of the aerosol generating article; an aerosol-forming substrate (120) downstream of the combustible heat source; and, typically, a void space (125) between the aerosol-forming substrate and the mouthpiece end. The outer tubular element typically circumscribes at least the mouthpiece end of the inner tubular element and the void space and terminates downstream of the heat source. The inner wrapping sheet includes a pre-twisted portion (109b) at least in the region circumscribing the void space. The arrangement provides that the distal end including the combustible heat source and the aerosol-forming substrate is readily slideable relative to the outer tubular element from an extended position having a first article length (L1), to a retracted position having a second article length (L2) that is less than the first article length and in which the void space is at least partially collapsed to an axially contracted configuration.

IPC 8 full level
A24C 5/00 (2020.01); **A24D 1/22** (2020.01)

CPC (source: EP KR US)
A24C 5/00 (2013.01 - EP KR US); **A24C 5/002** (2013.01 - KR); **A24C 5/01** (2020.01 - KR); **A24D 1/02** (2013.01 - KR); **A24D 1/20** (2020.01 - KR); **A24D 1/22** (2020.01 - EP KR US); **A24D 3/17** (2020.01 - KR US); **A24F 7/04** (2013.01 - KR); **A24F 42/10** (2020.01 - KR); **A24F 42/60** (2020.01 - KR US); **A24F 42/80** (2020.01 - US)

Citation (search report)
See references of WO 2019158353A1

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 2019158353 A1 20190822; BR 112020013396 A2 20201201; CN 111629619 A 20200904; EP 3752015 A1 20201223; EP 3752015 B1 20220309; JP 2021514179 A 20210610; JP 7381473 B2 20231115; KR 20200119799 A 20201020; RU 2020127220 A 20220316; US 2021052011 A1 20210225

DOCDB simple family (application)
EP 2019052073 W 20190129; BR 112020013396 A 20190129; CN 201980009917 A 20190129; EP 19702562 A 20190129; JP 2020539745 A 20190129; KR 20207022871 A 20190129; RU 2020127220 A 20190129; US 201916969415 A 20190129