

Title (en)

AEROSOL GENERATION DEVICE WITH EJECTION MECHANISM USING LEVERAGE

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT AUSSTOSSMECHANISMUS MITTELS HEBELWIRKUNG

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL COMPORTANT UN MÉCANISME D'ÉJECTION UTILISANT UN LEVIER

Publication

**EP 3981266 B1 20230719 (EN)**

Application

**EP 20200262 A 20201006**

Priority

EP 20200262 A 20201006

Abstract (en)

[origin: EP3981266A1] The present invention relates to an aerosol generation device with an ejection mechanism using leverage. More specifically, an aerosol generation device (1), comprising: an aerosol generation chamber (103) configured to receive and heat a substrate (2) to generate aerosol; a cover (102) which can be in a closed position (31) covering the aerosol generation chamber (103), and in an open position (33) exposing the aerosol generation chamber (103); an ejection mechanism (101) having a lever (1011) and being at least partially engaged with the cover (102) so as to eject at least a portion of the substrate (2) out of the aerosol generation chamber (103) when the cover (102) is in the open position.

IPC 8 full level

**A24F 40/40** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP KR US)

**A24F 40/40** (2020.01 - EP KR US); **A24F 40/70** (2020.01 - US); **A24F 40/20** (2020.01 - EP KR); **A24F 40/70** (2020.01 - KR)

Citation (opposition)

Opponent : PHILIP MORRIS PRODUCTS S.A.

- CN 208768968 U 20190423 - GONG ZHONGPAN
- WO 2020221674 A1 20201105 - PHILIP MORRIS PRODUCTS SA [CH]
- WO 2018050612 A1 20180322 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]
- CN 111165894 A 20200519 - SHANGHAI TOBACCO GROUP CO LTD, et al
- WO 2021153908 A2 20210805 - KT & G CORP [KR]
- EP 3895557 A2 20211020 - KT & G CORP [KR]
- WO 2019202048 A1 20191024 - PHILIP MORRIS PRODUCTS SA [CH]
- CN 109588776 A 20190409 - CHINA TOBACCO HUNAN IND CO LTD
- CN 206275171 U 20170627 - LIU LILI
- WO 2017108394 A1 20170629 - PHILIP MORRIS PRODUCTS SA [CH]
- WO 2005094924 A1 20051013 - VECTURA LTD [GB], et al

Designated contracting state (EPC)

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DOCDB simple family (application)

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