

Title (en)  
AEROSOL GENERATION DEVICE

Title (de)  
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication  
**EP 4132305 A1 20230215 (EN)**

Application  
**EP 21717867 A 20210409**

Priority  
• EP 20168909 A 20200409  
• EP 2021059290 W 20210409

Abstract (en)  
[origin: WO2021204996A1] An aerosol generation device comprising: a power supply module comprising an electrical power supply; a substrate module comprising a container for an aerosol substrate; and a heater module configured to detachably engage with the power supply module, the heater module comprising: a mouthpiece; a heating element configured to receive power from the electrical power supply and heat the aerosol substrate to generate an aerosol; and a receiving means configured to detachably engage with the substrate module and bring the heating element and the aerosol substrate together for generating the aerosol, wherein: the container of the substrate module is sealed prior to engaging with the heater module, and the heater module is configured to break the sealing of the container upon or after engaging with the substrate module, the heater module receiving means is adapted to partly enclose the substrate module when engaged therewith, and the power supply module is adapted to partly enclose the heater module when engaged therewith. Additionally described are the power supply module, substrate module and heater module as individual elements, as well as packages for distributing a plurality of substrate modules.

IPC 8 full level  
**A24F 40/10** (2020.01); **A24F 40/42** (2020.01)

CPC (source: EP US)  
**A24F 40/10** (2020.01 - EP US); **A24F 40/42** (2020.01 - EP US); **A24F 40/48** (2020.01 - US)

Citation (search report)  
See references of WO 2021204996A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2021204996 A1 20211014**; CA 3170443 A1 20211014; EP 4132305 A1 20230215; US 2023172266 A1 20230608

DOCDB simple family (application)  
**EP 2021059290 W 20210409**; CA 3170443 A 20210409; EP 21717867 A 20210409; US 202117917615 A 20210409