

Title (en)

AEROSOL GENERATING DEVICE AND OPERATING METHOD THEREOF

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 4358770 A1 20240501 (EN)

Application

EP 23798872 A 20230905

Priority

- KR 20220112375 A 20220905
- KR 20230006312 A 20230116
- KR 2023013260 W 20230905

Abstract (en)

[origin: CA3220655A1] An aerosol generating device includes a heater configured to heat a cigarette, a sensor unit configured to sense a parameter related to an operation of the heater, and a microcontroller unit configured to initialize the sensor unit when a heating event of the heater is initiated, attempt to communicate with the initialized sensor unit and determine whether communication with the sensor unit is normal, and when the communication with the sensor unit is determined to be abnormal, reattempt communication with the sensor unit.

IPC 8 full level

A24F 40/50 (2020.01); **A24F 40/46** (2020.01); **A24F 40/51** (2020.01); **A24F 40/53** (2020.01); **A24F 40/65** (2020.01)

CPC (source: EP)

A24F 40/50 (2020.01); **A24F 40/20** (2020.01); **A24F 40/51** (2020.01)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

CA 3220655 A1 20240305; EP 4358770 A1 20240501

DOCDB simple family (application)

CA 3220655 A 20230905; EP 23798872 A 20230905