

Title (en)

DEVICE FOR GENERATING AN INHALABLE AEROSOL

Title (de)

VORRICHTUNG ZUM ERZEUGEN EINES INHALIERBAREN AEROSOLS

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL INHALABLE

Publication

**EP 4125467 A1 20230208 (DE)**

Application

**EP 21718835 A 20210409**

Priority

- DE 102020110031 A 20200409
- EP 2021059321 W 20210409

Abstract (en)

[origin: WO2021205009A1] The invention relates to a device (1) for generating an inhalable aerosol, comprising: a receiving region (2) for a product (3) which generates an aerosol on heating; at least one sensor (11, 12, 19) for measuring a physical characteristic of the product as sensor data; and a control unit (13) for controlling the device (1) and/or for evaluating the sensor data. According to the invention, the at least one sensor (11) is an electrostatic sensor (11), by means of which an electrostatic charge of the product (3) can be measured, and the control unit (13) is designed to determine the fill level of the product (3) with the aid of at least the sensor data of the electrostatic sensor (11) and/or to identify the product (3). The invention also relates to a method for operating a device (1) for generating an inhalable aerosol.

IPC 8 full level

**A24F 40/51** (2006.01); **A24F 40/53** (2006.01); **G01N 27/02** (2006.01)

CPC (source: EP)

**A24F 40/51** (2020.01); **A24F 40/53** (2020.01); **G01N 27/023** (2013.01)

Citation (search report)

See references of WO 2021205009A1

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)

**DE 102020110031 A1 20211014**; EP 4125467 A1 20230208; WO 2021205009 A1 20211014

DOCDB simple family (application)

**DE 102020110031 A 20200409**; EP 2021059321 W 20210409; EP 21718835 A 20210409