

Title (en)

INHALATION DEVICE, PROGRAM, AND SYSTEM

Title (de)

INHALATIONSVORRICHTUNG, PROGRAMM UND SYSTEM

Title (fr)

DISPOSITIF D'INHALATION, PROGRAMME ET SYSTÈME

Publication

EP 4245169 A1 20230920 (EN)

Application

EP 21926561 A 20210218

Priority

JP 2021006179 W 20210218

Abstract (en)

[Problem] To provide a contrivance that makes it possible to generate a suitable aerosol in an induction-heating-type inhalation device. [Solution] This inhalation device comprises: a power supply unit that supplies electric power; a magnetic induction source that produces a fluctuating magnetic field using the electric power supplied from the power supply unit; a control unit that controls the supply of power to the magnetic induction source; a retention unit that has an internal space and an opening through which the internal space communicates with the outside, the retention unit retaining an aerosol-source-containing substrate that is inserted into the internal space through the opening; and a temperature sensor that detects the temperature in the operation environment of the inhalation device. The magnetic induction source is disposed at a position such that the fluctuating magnetic field produced by the magnetic induction source penetrates a susceptor disposed in thermal contact with the aerosol source contained in the substrate being retained by the retention unit. The susceptor generates heat when penetrated by the fluctuating magnetic field. The control unit controls the supply of power to the magnetic induction source on the basis of the temperature detected by the temperature sensor.

IPC 8 full level

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CPC (source: EP)

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