

Title (en)
AEROSOL GENERATION DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4316289 A1 20240207 (EN)

Application
EP 22779753 A 20220301

Priority
• JP 2021063181 A 20210401
• JP 2022008585 W 20220301

Abstract (en)
In the present invention, an aerosol inhaler (1) comprises a cartridge (40) that can be attached and detached, a power supply unit (10) having an MCU 63, a cartridge information reading device (24), an inner peripheral wall (22) provided between the cartridge information reading device (24) and the cartridge (40), and a light-shielding member (25) provided between the cartridge information reading device (24) and the cartridge (40). An information display unit (49) that is segmented into a plurality of display regions is formed on the cartridge (40). The MCU 63 acquires information relating to the cartridge (40) on the basis of information relating to light that is received by the cartridge information reading device (24) and that is reflected by each of the display regions in the information display unit (49), the MCU 63 being capable of executing a cartridge information acquisition process.

IPC 8 full level
A24F 40/51 (2020.01); **A24F 40/57** (2020.01)

CPC (source: EP)
A24F 40/53 (2020.01); **A24F 40/60** (2020.01); **A24F 40/10** (2020.01); **A24F 40/20** (2020.01); **A24F 40/30** (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 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)
EP 4316289 A1 20240207; JP 7493098 B2 20240530; JP WO2022209528 A1 20221006; WO 2022209528 A1 20221006

DOCDB simple family (application)
EP 22779753 A 20220301; JP 2022008585 W 20220301; JP 2023510696 A 20220301