

Title (en)

CONTROL DEVICE, CONTROL METHOD, AND PROGRAM

Title (de)

STEUERUNGSVORRICHTUNG, STEUERUNGSVERFAHREN UND PROGRAMM

Title (fr)

DISPOSITIF DE COMMANDE, PROCÉDÉ DE COMMANDE ET PROGRAMME

Publication

EP 4014766 A4 20230426 (EN)

Application

EP 20925468 A 20200318

Priority

JP 2020011903 W 20200318

Abstract (en)

[origin: EP4014766A1] [Problem] To provide a mechanism with which it is possible to improve usability of an inhaler.[Solution] A control device for controlling an inhaler having a detection unit for detecting a user operation and a heating unit which generates, by heating a base material, a substance that is inhaled by a user, the control device comprising a control unit for controlling the heating unit on the basis of the user operation detected by the detection unit, wherein: the control unit causes the heating unit to operate in a first heating state if the detection unit detects a first user operation and causes the heating unit to operate in a second heating state that is different from the first heating state if the detection unit detects a second user operation different from the first user operation while the heating unit is operating in the first heating state.

IPC 8 full level

A24F 40/50 (2020.01); **A24F 40/57** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP US)

A24F 40/53 (2020.01 - US); **A24F 40/57** (2020.01 - EP US); **A24F 40/60** (2020.01 - US); **A24F 40/20** (2020.01 - EP); **A24F 40/50** (2020.01 - EP)

Citation (search report)

- [X] WO 2018051346 A1 20180322 - RAICHMAN YOSSEF [IL]
- [X] EP 3571940 A1 20191127 - KT & G COPORATION [KR]
- [X] US 2018177232 A1 20180628 - DING YA-LING [CN]
- [A] WO 2016198266 A1 20161215 - PHILIP MORRIS PRODUCTS SA [CH]
- See references of WO 2021186603A1

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 4014766 A1 20220622; **EP 4014766 A4 20230426**; JP 7260712 B2 20230418; JP WO2021186603 A1 20210923; US 2022264958 A1 20220825; WO 2021186603 A1 20210923

DOCDB simple family (application)

EP 20925468 A 20200318; JP 2020011903 W 20200318; JP 2022508694 A 20200318; US 202217685652 A 20220303