

Title (en)
CONTROL METHOD OF AN AEROSOL GENERATING DEVICE, AND ASSOCIATED CONTROL SYSTEM AND AEROSOL GENERATING SYSTEM

Title (de)
STEUERUNGSVERFAHREN EINER AEROSOLERZEUGUNGSVORRICHTUNG SOWIE ZUGEHÖRIGES STEUERUNGSSYSTEM UND AEROSOLERZEUGUNGSSYSTEM

Title (fr)
PROCÉDÉ DE COMMANDE D'UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL, ET SYSTÈME DE COMMANDE ET SYSTÈME DE GÉNÉRATION D'AÉROSOL ASSOCIÉS

Publication
EP 4368049 A1 20240515 (EN)

Application
EP 22207142 A 20221114

Priority
EP 22207142 A 20221114

Abstract (en)
This invention relates to a method of control of supply power to the heating electrodes of an aerosol generating device comprising a heating space for receiving an electrically conductive aerosol generating pad (53) and two heating electrodes, opposite to each other so as to sandwich the heating space, wherein, the control method comprises: a step of performing a closed loop control, controlling the temperature (9) of the pad (53), based on measures of both voltage (U_{out}) and current (I_{out}) which are supplied to the heating electrodes, so as to heat the pad (53) to a temperature (9) which remains: sufficiently high so as to vapor the aerosol from the pad (53), sufficiently low so as to avoid combustion in the pad (53).

IPC 8 full level
A24F 40/57 (2020.01); **A24F 40/46** (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01); **A61M 15/06** (2006.01)

CPC (source: EP)
A24F 40/46 (2020.01); **A24F 40/57** (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01)

Citation (applicant)
WO 2022189452 A1 20220915 - JT INT SA [CH]

Citation (search report)
• [XY] WO 2018202403 A1 20181108 - PHILIP MORRIS PRODUCTS SA [CH]
• [XY] CA 3103713 A1 20200423 - JUUL LABS INC [US]
• [YDA] WO 2022189452 A1 20220915 - JT INT SA [CH]

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)
EP 4368049 A1 20240515

DOCDB simple family (application)
EP 22207142 A 20221114