

Title (en)
AEROSOL GENERATION DEVICE AND CONTROL METHOD

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG UND STEUERUNGSVERFAHREN

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET PROCÉDÉ DE COMMANDE

Publication
EP 4331415 A1 20240306 (EN)

Application
EP 21939239 A 20210428

Priority
JP 2021016885 W 20210428

Abstract (en)
An aerosol generating device comprises: a heating unit configured to heat an aerosol source; a power supply configured to supply electric power to the heating unit; a thermistor configured to output a value depending on a temperature of the heating unit; and a control unit configured to control the supply of electric power from the power supply to the heating unit in accordance with a control sequence including a first section in which electric power is supplied to the heating unit by setting a target value of temperature control at a value corresponding to a first temperature, a second section in which the supply of electric power is stopped so that the temperature of the heating unit falls toward a second temperature lower than the first temperature, and a third section in which electric power is supplied the heating unit. The control unit is configured to controls the supply of electric power from the power supply by using a first temperature index based on an electrical resistance value of the heating unit, in the first and third sections, and determine a timing to terminate the second section by using a second temperature index based on the output value from the thermistor.

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