

Title (en)
AEROSOL-GENERATING DEVICE HAVING HEATER TEMPERATURE CONTROL BUTTON, AND AEROSOL-GENERATING ITEM USED THEREWITH

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG MIT EINEM TEMPERATURSTEUERUNGSKNOPF EINES HEIZERS UND AEROSOLERZEUGUNGSARTIKEL DAMIT

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL AYANT UN BOUTON DE COMMANDE DE TEMPÉRATURE DE DISPOSITIF DE CHAUFFAGE, ET ÉLÉMENT DE GÉNÉRATION D'AÉROSOL UTILISÉ AVEC CELUI-CI

Publication
EP 4197374 A4 20240529 (EN)

Application
EP 22813875 A 20221014

Priority
• KR 20210145569 A 20211028
• KR 2022015570 W 20221014

Abstract (en)
[origin: EP4197374A1] Provided is an aerosol generating apparatus including a housing that forms an accommodation space in which an aerosol generating article is accommodated, a heater unit that heats a cartridge included in an aerosol generating article or an aerosol generating apparatus accommodated in the accommodating space, a control unit that adjusts a temperature of the heater unit, and a temperature control button that is disposed on an outer wall surface of the housing and transmits a temperature control signal to the control unit. The aerosol generating apparatus according to an embodiment of the present invention may generate various components or amounts of aerosol according to consumer's preference even for one aerosol generating article.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
• [XY] EP 3603426 A1 20200205 - KT & G COPORATION [KR]
• [XY] EP 3818872 A1 20210512 - KT & G CORP [KR]
• [IY] EP 3818891 A1 20210512 - KT & G CORP [KR]
• [XY] EP 2740506 A1 20140611 - PLOOM INC [US]
• [XY] EP 3850965 A1 20210721 - NICOVENTURES TRADING LTD [GB]
• [XY] EP 3827679 A1 20210602 - CHINA TOBACCO HUBEI INDUSTRIAL CORPORATION LTD [CN]
• [X] EP 3058978 B1 20190724 - PHILIP MORRIS PRODUCTS SA [CH]
• See also references of WO 2023075235A1

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