

Title (en)
CONSUMABLE CARTRIDGE, AEROSOL-GENERATING DEVICE AND METHOD OF MANUFACTURING THE CONSUMABLE CARTRIDGE

Title (de)
VERBRAUCHSPATRONE, AEROSOLERZEUGENDE VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DER VERBRAUCHSPATRONE

Title (fr)
CARTOUCHE DE CONSOMMABLES, DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET PROCÉDÉ DE FABRICATION DE LA CARTOUCHE DE CONSOMMABLES

Publication
EP 4309525 A1 20240124 (EN)

Application
EP 22185923 A 20220720

Priority
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Abstract (en)
The disclosure relates to a consumable cartridge (100) for use with an electrically heated aerosol-generating device (200), the cartridge comprising at least one heat generating layer (102) extending along a longitudinal axis of the consumable cartridge, the heat generating layer (102) comprises an electrical conductor dimensioned to contact at least two electrical terminals of the electrically heated aerosol-generating device to allow electricity to flow therethrough; a first substrate layer (106) positioned on the heat generating layer (102) and/or surrounded by the heat generating layer (102); an aerosol generating substrate (108) dispersed on the heat generating layer (102), the first substrate layer (106), and/or formed as a separate layer disposed between the heat generating layer (102) and the first substrate layer (106); wherein the heat generating layer (102) comprises a plurality of insulating portions (104) configured to increase the electrical resistance of the heat generating layer (102) and generate heat to produce aerosol from the aerosol generating substrate (108) when electricity is flowing therethrough.

IPC 8 full level
A24F 40/42 (2020.01); **A24F 40/70** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP)
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Citation (search report)

- [XAI] US 2020229510 A1 20200723 - GRISCIK GREGORY [US], et al
- [A] WO 2016005530 A1 20160114 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] WO 2016156510 A2 20161006 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]

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