

Title (en)

AEROSOL DELIVERING SYSTEM COMPRISING A HYDROPHOBIC MATERIAL, AND ASSOCIATED CARTRIDGE AND AEROSOL GENERATING ASSEMBLY

Title (de)

AEROSOLABGABESYSTEM MIT EINEM HYDROPHOBEN MATERIAL UND ZUGEHÖRIGER KARTUSCHE UND AEROSOLERZEUGUNGSANORDNUNG

Title (fr)

SYSTÈME DE LIVRAISON D'AÉROSOL COMPRENANT UN MATÉRIAU HYDROPHOBE, ET CARTOUCHE ASSOCIÉE ET ENSEMBLE DE GÉNÉRATION D'AÉROSOL

Publication

**EP 4226784 A1 20230816 (EN)**

Application

**EP 22156795 A 20220215**

Priority

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Abstract (en)

The present invention concerns an aerosol delivering system (10) for an aerosol generating device, the aerosol delivering system comprising a reservoir (31) storing a liquid vaporizable material, and a porous element (32) arranged in fluid communication with the reservoir (31) and designed to be in contact with a heater (25);the porous element (32) defining a contact surface (41) designed to be in contact with the liquid vaporizable material and a vaporizing surface (43) designed to release aerosol formed upon heating the liquid vaporizable material by the heater (25);wherein the vaporizing surface (43) is coated with a hydrophobic material forming a liquid barrier.

IPC 8 full level

**A24F 40/40** (2020.01)

CPC (source: EP)

**A24F 40/40** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)

- [X1] WO 2020070109 A1 20200409 - PHILIP MORRIS PRODUCTS SA [CH]
- [X1] CN 112120291 A 20201225 - SHENZHEN SMOORE TECHNOLOGY LTD
- [X1] EP 3881692 A1 20210922 - KT & G CORP [KR]
- [X1] US 2017108210 A1 20170420 - MEINHART CARL D [US], et al

Designated contracting state (EPC)

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