

Title (en)
AEROSOL GENERATING SYSTEMS

Title (de)
AEROSOLERZEUGUNGSSYSTEME

Title (fr)
SYSTÈMES DE GÉNÉRATION D'AÉROSOL

Publication
EP 4179900 A1 20230517 (EN)

Application
EP 21207443 A 20211110

Priority
EP 21207443 A 20211110

Abstract (en)
A handheld aerosol generating system comprises a cartridge (4) removably attached to an aerosol generating device (2), the cartridge (4) supplying an aerosol generating liquid (31) to mixing chamber (14) along a fluid flow path (32). The system is primed before use by reducing the pressure in at least part of the mixing chamber (14) below ambient pressure to draw fluid along the fluid flow path (32) and expel any air that entered the fluid flow path (32) when the cartridge (4) was attached. The said part of the mixing chamber (14) may be isolated from a mouthpiece (10) during the priming operation. A liquid jet head (82) may be used to deliver aerosol generating liquid (31) into the mixing chamber (14).

IPC 8 full level
A24F 40/48 (2020.01)

CPC (source: EP)
A24F 40/48 (2020.01); **A24F 40/05** (2020.01); **A24F 40/10** (2020.01); **A24F 40/485** (2020.01)

Citation (search report)
[A] US 2021052013 A1 20210225 - MABEE BRIAN D [US], et al

Designated contracting state (EPC)
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