

Title (en)  
AEROSOL GENERATING SYSTEMS

Title (de)  
AEROSOLERZEUGUNGSSYSTEME

Title (fr)  
SYSTÈMES DE GÉNÉRATION D'AÉROSOL

Publication  
**EP 4179897 A1 20230517 (EN)**

Application  
**EP 21207439 A 20211110**

Priority  
EP 21207439 A 20211110

Abstract (en)  
A cartridge (4) for an aerosol generating device (2) comprises a liquid storage passage (20) having an inlet (22) open to atmosphere and an outlet (24) for supplying aerosol generating liquid (18) to the aerosol generating device (2), the liquid storage passage (20) being configured to retain aerosol generating liquid (18) by capillary action. The liquid storage passage (20) is preferably a long and narrow passage, which may comprise a plurality of fluidly connected passage sections (30) configured in a serpentine arrangement. The cartridge (4) may comprise a plurality of said liquid storage passages (20) arranged in respective tiers (40). The cartridge (4) is suitable for supplying the aerosol generating liquid (18) to liquid jet heads (28) in the device (2).

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

CPC (source: EP)  
**A24F 40/42** (2020.01); **A24F 40/10** (2020.01); **A24F 40/485** (2020.01)

Citation (search report)

- [XAI] US 2021186100 A1 20210624 - TRIEU HOC KHIEM [DE], et al
- [X] DE 102014114133 A1 20160331 - AIE INVEST S A [LU]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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