

Title (en)  
AN AEROSOL-GENERATING SYSTEM AND A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM WITH A SEALED LIQUID RESERVOIR

Title (de)  
AEROSOLERZEUGUNGSSYSTEM UND KARTUSCHE FÜR EIN AEROSOLERZEUGUNGSSYSTEM MIT EINEM ABGEDICHTETEN FLÜSSIGKEITSBEHÄLTER

Title (fr)  
SYSTÈME DE GÉNÉRATION D'AÉROSOL ET CARTOUCHE POUR UN SYSTÈME DE GÉNÉRATION D'AÉROSOL AYANT UN RÉSERVOIR DE LIQUIDE SCELLÉ

Publication  
**EP 4216740 A1 20230802 (EN)**

Application  
**EP 21778490 A 20210921**

Priority  
• EP 20197786 A 20200923  
• EP 2021075974 W 20210921

Abstract (en)  
[origin: WO2022063793A1] There is provided a cartridge (10) for an aerosol-generating system. The cartridge comprises a housing (36) containing a sealed liquid reservoir (44), a heater assembly (14) within the housing, the heater assembly comprising a heating element (12) and a piercing element (34). The heater assembly is movable relative to the housing from a first position in which the piercing element is outside the sealed liquid reservoir to a second position in which the piercing element penetrates the liquid reservoir. The heater assembly comprises a sealing surface that forms a liquid tight seal with the housing or the liquid reservoir when the heater assembly is in the second position.

IPC 8 full level  
**A24F 40/42** (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP IL KR)  
**A24F 40/10** (2020.01 - IL KR); **A24F 40/42** (2020.01 - EP IL KR); **A24F 40/44** (2020.01 - KR); **A24F 40/465** (2020.01 - EP IL KR); **A24F 40/485** (2020.01 - EP IL KR); **H05B 6/108** (2013.01 - KR); **H05B 6/36** (2013.01 - KR); **A24F 40/10** (2020.01 - EP)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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KH MA MD TN

DOCDB simple family (publication)  
**WO 2022063793 A1 20220331**; BR 112023004606 A2 20230411; CN 116234459 A 20230606; EP 4216740 A1 20230802; IL 301421 A 20230501; JP 2023541952 A 20231004; KR 20230074188 A 20230526

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