

Title (en)
AEROSOL DELIVERY SYSTEM

Title (de)
AEROSOLABGABESYSTEM

Title (fr)
SYSTÈME DE DISTRIBUTION D'AÉROSOL

Publication
EP 3941281 A1 20220126 (EN)

Application
EP 20715754 A 20200317

Priority
• EP 19164458 A 20190321
• EP 2020057320 W 20200317

Abstract (en)
[origin: EP3711605A1] An aerosol delivery system has a fluid-transfer article (34) which holds an aerosol precursor, and which is arranged to transfer the aerosol precursor to a second region (36) of the fluid-transfer article. The second region has a first part (36a) adjacent to a first region of a first material, and has holes (37) therein which receive aerosol precursor from the first region. The second region (36) also has a second part (36b) of a second material, which second part is adjacent to the first part, is of porous material and extends across the holes in the first part. The second material is resistant to higher temperatures than the first material. Since the second part of the second region is porous, aerosol precursor will pass therethrough from the holes to an activation surface of the fluid-transfer article. A heater (24) contacts part of that activation surface to heat it to release aerosol precursor in the form of a vapour therefrom. The heater is not bonded to the activation surface, but is separable therefrom. The second part of the second region has one or more recesses (38) therein opening towards the heater. The recesses form at least one gap between the activation surface and the heater, with the at least one gap forming at least one air-flow pathway along the activation surface.

IPC 8 full level
A24F 47/00 (2020.01); **A24F 40/10** (2020.01); **A24F 40/40** (2020.01)

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

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

DOCDB simple family (publication)
EP 3711605 A1 20200923; EP 3941281 A1 20220126; EP 3941281 B1 20230607; EP 3941281 B8 20230719; EP 4233588 A2 20230830; EP 4233588 A3 20231101; WO 2020187923 A1 20200924

DOCDB simple family (application)
EP 19164458 A 20190321; EP 2020057320 W 20200317; EP 20715754 A 20200317; EP 23177585 A 20200317