

Title (en)
AEROSOL DELIVERY SYSTEM

Title (de)
AEROSOLABGABESYSTEM

Title (fr)
SYSTÈME DE DISTRIBUTION D'AÉROSOL

Publication
EP 3941282 A1 20220126 (EN)

Application
EP 20715756 A 20200317

Priority
• EP 19164455 A 20190321
• EP 2020057326 W 20200317

Abstract (en)
[origin: EP3711603A1] An aerosol delivery system (12,18) has a fluid transfer article (34) with a first region (34a) for holding an aerosol precursor and a second region (34b) to which the aerosol precursor is transferred from the first region. The second region includes a multiplicity of fibres which extend from the first region to an end of the fluid-transfer article wherein some of said multiplicity of fibres terminate at, a heating surface of said heater, and others of said fibres terminate short from said heating surface, thereby to define at least one channel (41) among said fibres, said at least one channel forming an air-flow pathway along said heating surface. The aerosol precursor passes along the fibres and interacts thermally with the heater to form an aerosol from said aerosol precursor. The first region may be formed from a porous polymer material. When the user sucks or inhales through the aerosol delivery system, air-flows through the air-flow pathway along and the heating surface, so that aerosol passes from the heater and/or the ends of the fibres to the user in the air-flow.

IPC 8 full level
A24F 47/00 (2020.01); **A61M 11/04** (2006.01); **A61M 15/06** (2006.01)

CPC (source: EP)
A24F 40/44 (2020.01); **A61M 11/042** (2014.02); **A61M 15/06** (2013.01); **A24F 40/10** (2020.01); **A61M 15/0028** (2013.01); **A61M 2205/0233** (2013.01)

Citation (search report)
See references of WO 2020187926A1

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 3711603 A1 20200923; EP 3941282 A1 20220126; WO 2020187926 A1 20200924

DOCDB simple family (application)
EP 19164455 A 20190321; EP 2020057326 W 20200317; EP 20715756 A 20200317