

Title (en)  
AEROSOL DELIVERY SYSTEM

Title (de)  
AEROSOLABGABESYSTEM

Title (fr)  
SYSTÈME D'ADMINISTRATION D'AÉROSOL

Publication  
**EP 3858174 A1 20210804 (EN)**

Application  
**EP 20154504 A 20200130**

Priority  
EP 20154504 A 20200130

Abstract (en)  
An aerosol delivery system (110) comprising an air inlet (172), an outlet (174), and an air passage (170) extending from the air inlet (172) to the outlet (174). A part of the air passage is defined by a heat source air passage (170a) extending through a heat source (200) operable to heat air in the heat source air passage (170a) through an exothermic reaction. A reservoir (160) formed from an air-permeable substrate is arranged to allow air in the air passage drawn from the outlet (174) of the air passage (170) to be drawn through the reservoir (160) and on to the outlet (174), the reservoir (160) being loaded with a source of nicotine. The heat source air passage (170a) has a heat source air inlet and a heat source air outlet, spaced apart on the heat source (200) by a separation distance. In use, the heat source air passage (170a) conveys air along a flow path within the heat source (200) from the heat source air inlet to the heat source air outlet, wherein the length of the flow path is greater than the separation distance.

IPC 8 full level  
**A24F 42/10** (2020.01)

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

Citation (applicant)  
• US 4800903 A 19890131 - RAY JON P [US], et al  
• US 4284089 A 19810818 - RAY JON P  
• US 4813437 A 19890321 - RAY J PHILIP [US]  
• US 5167242 A 19921201 - TURNER JAMES E [US], et al

Citation (search report)  
• [XY] US 10524506 B2 20200107 - NAKANO TAKUMA [JP], et al  
• [Y] US 2013133675 A1 20130530 - SHINOZAKI YASUHIRO [JP], et al  
• [Y] US 2019269174 A1 20190905 - ROBERT JACQUES [CH], et al  
• [Y] US 2018092399 A1 20180405 - KIESLICH DIRK [DE]

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 3858174 A1 20210804**

DOCDB simple family (application)  
**EP 20154504 A 20200130**