

Title (en)

CENTRAL AIRWAY ADMINISTRATION FOR SYSTEMIC DELIVERY OF THERAPEUTICS

Title (de)

VERABREICHUNG IN DIE ZENTRALEN LUFTWEGE ZUR SYSTEMISCHEN ABGABE VON THERAPEUTIKA

Title (fr)

INTRODUCTION PAR LES VOIES AERIENNES CENTRALES POUR L'ADMINISTRATION SYSTEMIQUE D'AGENTS THERAPEUTIQUES

Publication

EP 1539246 A2 20050615 (EN)

Application

EP 03762973 A 20030509

Priority

- US 0314428 W 20030509
- US 0221335 W 20020703

Abstract (en)

[origin: WO2004004798A2] The present invention relates to methods and products for the transepithelial systemic delivery of therapeutics. In particular, the invention relates to methods and compositions for the systemic delivery of therapeutics by administering an aerosol containing antibodies or conjugates of a therapeutic agent with an FcRn binding partner to epithelium of central airways of the lung. The methods and products are adaptable to a wide range of therapeutic agents, including proteins and polypeptides, nucleic acids, drugs, and others. The methods and products have the advantage of not requiring administration to the deep lung in order to effect systemic delivery.

IPC 1-7

A61K 48/00; **A61K 38/23**; **A61K 38/21**

IPC 8 full level

A61K 48/00 (2006.01); **A61K 9/00** (2006.01); **A61K 38/21** (2006.01); **A61K 38/23** (2006.01)

IPC 8 main group level

A61M (2006.01)

CPC (source: EP)

A61K 9/0073 (2013.01); **A61P 1/04** (2017.12); **A61P 11/00** (2017.12); **A61P 19/02** (2017.12); **A61P 29/00** (2017.12); **A61P 37/02** (2017.12); **A61P 37/06** (2017.12)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004004798 A2 20040115; **WO 2004004798 A3 20041014**; AU 2003232081 A1 20040123; AU 2003232081 B2 20090205; CA 2491129 A1 20040115; EP 1539246 A2 20050615; EP 1539246 A4 20070516; JP 2006513139 A 20060420

DOCDB simple family (application)

US 0314428 W 20030509; AU 2003232081 A 20030509; CA 2491129 A 20030509; EP 03762973 A 20030509; JP 2004519544 A 20030509