

Title (en)  
METHOD FOR ENHANCING EUSTACHIAN TUBE PATENCY AND TREATMENT OF OTITIS MEDIA

Title (de)  
VERFAHREN ZUR VERBESSERUNG DER DURCHGÄNGIGKEIT DER EUSTACHISCHEN RÖHRE UND BEHANDLUNG VON OTITIS MEDIA

Title (fr)  
PROCÉDÉ POUR AMÉLIORER LA PERMÉABILITÉ D'UNE TROMPE D'EUSTACHE ET LE TRAITEMENT DE L'OTITE MOYENNE

Publication  
**EP 3914323 A1 20211201 (EN)**

Application  
**EP 20745773 A 20200107**

Priority

- US 201916350850 A 20190123
- US 2020000002 W 20200107

Abstract (en)  
[origin: WO2020154074A1] A method of increasing eustachian tube patency in human patients is disclosed wherein a eustachian tube targeting nasal administration device is utilized to deliver a surfactant/propellant mixture to the nasopharyngeal stoma of the auditory tube. The targeting capability of the administration device obviates the need for a spreading agent that would otherwise be required to enable at least a portion of surfactant to reach the eustachian tube orifice. More specifically, the non-targeting, indiscriminate delivery provided by nasal administration devices of the past required surfactant to spread over non-targeted tissue it was inadvertently applied to in order to reach the eustachian tube stoma. In addition, a method for treatment of otitis media is disclosed utilizing, in some preferred embodiments, a therapeutically active agent.

IPC 8 full level  
**A61M 11/02** (2006.01); **A61K 9/00** (2006.01); **A61K 9/12** (2006.01); **A61K 9/127** (2006.01); **A61K 9/14** (2006.01); **A61K 31/137** (2006.01); **A61K 31/43** (2006.01); **A61K 31/573** (2006.01); **A61K 31/685** (2006.01); **A61K 31/7048** (2006.01); **A61K 45/00** (2006.01); **A61K 45/06** (2006.01); **A61K 47/14** (2017.01); **A61K 47/24** (2006.01); **A61K 47/26** (2006.01); **A61K 47/42** (2017.01); **A61M 15/00** (2006.01); **A61M 15/08** (2006.01); **A61P 27/16** (2006.01)

CPC (source: EP)  
**A61K 9/0043** (2013.01); **A61K 9/008** (2013.01); **A61K 31/137** (2013.01); **A61K 31/424** (2013.01); **A61K 31/43** (2013.01); **A61K 31/573** (2013.01); **A61K 31/7048** (2013.01); **A61K 47/14** (2013.01); **A61K 47/24** (2013.01); **A61K 47/26** (2013.01); **A61K 47/42** (2013.01); **A61M 11/02** (2013.01); **A61M 15/009** (2013.01); **A61M 15/08** (2013.01); **A61P 27/16** (2017.12); **A61M 15/0021** (2014.02); **A61M 15/0065** (2013.01); **A61M 2202/0488** (2013.01); **A61M 2205/58** (2013.01)

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)  
**WO 2020154074 A1 20200730**; EP 3914323 A1 20211201; EP 3914323 A4 20221005

DOCDB simple family (application)  
**US 2020000002 W 20200107**; EP 20745773 A 20200107