

Title (en)

CARBON DIOXIDE AND SALINE NASAL DELIVERY METHODS AND DELIVERY DEVICES

Title (de)

VERFAHREN UND ZUR NASALEN VERABREICHUNG VON KOHLENDIOXID UND KOCHSALZLÖSUNG UND VERABREICHUNGSVORRICHTUNGEN

Title (fr)

MÉTHODES D'ADMINISTRATION PAR VOIE NASALE DE DIOXYDE DE CARBONE ET DE SÉRUM PHYSIOLOGIQUE ET DISPOSITIFS D'ADMINISTRATION ASSOCIÉS

Publication

**EP 3043650 A2 20160720 (EN)**

Application

**EP 13893220 A 20130910**

Priority

US 2013000207 W 20130910

Abstract (en)

[origin: WO2015038092A2] Methods for treating ailments in a patient in need thereof includes the step of directing a therapeutic, non-inhaled dosage to at least one nasal cavity of the patient through a flow regulating device while the patient refrains from inhaling. The dosage includes a saline fluid and a gas containing carbon dioxide, and, in some dosages, additional active component(s) wherein the therapeutic, non-inhaled dosage is delivered at a specified flow rate; the delivery devices are also included.

IPC 8 full level

**A01N 59/04** (2006.01)

CPC (source: EP)

**A61K 33/00** (2013.01); **A61K 33/14** (2013.01); **A61M 11/007** (2014.02); **A61M 11/02** (2013.01); **A61P 11/02** (2017.12); **A61K 9/0043** (2013.01); **A61M 15/0031** (2014.02); **A61M 16/14** (2013.01); **A61M 2202/0225** (2013.01); **A61M 2210/0618** (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 2015038092 A2 20150319**; **WO 2015038092 A3 20150716**; AU 2013400183 A1 20160317; AU 2013400183 B2 20170427; CA 2923793 A1 20150319; CA 2923793 C 20180227; EP 3043650 A2 20160720; EP 3043650 A4 20171108; JP 2016529082 A 20160923; MX 2016002968 A 20161202

DOCDB simple family (application)

**US 2013000207 W 20130910**; AU 2013400183 A 20130910; CA 2923793 A 20130910; EP 13893220 A 20130910; JP 2016541940 A 20130910; MX 2016002968 A 20130910