

Title (en)

PERFLUOROCARBON AND HYDROFLUOROCARBON FORMULATIONS AND METHODS OF MAKING AND USING SAME

Title (de)

FORMULIERUNGEN AUS VOLLHALOGENIERTEM FLUORKOHLLENWASSERSTOFF UND HYDROFLUORKOHLLENWASSERSTOFF SOWIE VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)

PREPARATIONS DE PERFLUOROCARBURE ET D'HYDROFLUOROCARBURE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI

Publication

EP 1599184 A1 20051130 (EN)

Application

EP 03790479 A 20031215

Priority

- US 0339561 W 20031215
- US 44462103 P 20030204

Abstract (en)

[origin: WO2004071488A1] A liquid aerosol generating formulation comprising medicament and at least one liquid perfluorocarbon and/or hydrofluorocarbon. The formulation can include at least one surfactant which stabilizes the medicament. An aerosol of medicament particles can be formed by heating the formulation in a flow passage such that the liquid perfluorocarbon and/or hydrofluorocarbon is vaporized and expands out of an outlet of the flow passage. The flow passage can be a heated capillary sized flow passage in a hand held inhaler. The liquid perfluorocarbon and/or hydrofluorocarbon can deliver drugs having low solubility and/or low potency to a patient as a soft mist aerosol requiring minimal patient coordination.

IPC 1-7

A61K 9/00; **A61K 9/72**; **A61K 9/14**; **A61K 9/16**; **A61K 39/00**

IPC 8 full level

A61K 9/12 (2006.01)

CPC (source: EP)

A61K 9/008 (2013.01); **A61K 9/124** (2013.01); **A61M 11/041** (2013.01); **A61M 11/044** (2014.02); **A61M 2016/0021** (2013.01); **A61M 2016/0027** (2013.01); **A61M 2202/0476** (2013.01); **A61M 2205/3653** (2013.01); **A61M 2205/502** (2013.01); **A61M 2205/8206** (2013.01)

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 2004071488 A1 20040826; AU 2003293528 A1 20040906; EP 1599184 A1 20051130; EP 1599184 A4 20090624; JP 2006516545 A 20060706

DOCDB simple family (application)

US 0339561 W 20031215; AU 2003293528 A 20031215; EP 03790479 A 20031215; JP 2004568322 A 20031215