

Title (en)

DELIVERY DEVICE FOR A POWDER AEROSOL

Title (de)

VORRICHTUNG ZUR ABGABE EINES PULVER-AEROSOLS

Title (fr)

DISPOSITIF D'ADMINISTRATION POUR AEROSOL DE POUDRE

Publication

EP 1957138 A2 20080820 (EN)

Application

EP 06839996 A 20061122

Priority

- US 2006061190 W 20061122
- US 55937205 A 20051206
- US 29663705 A 20051207
- US 40890606 A 20060421

Abstract (en)

[origin: WO2007067855A2] A delivery device (10, 110, 300, 500) for a medicament including: a housing (50), or a main body (310, 505), a receptacle (54, 600) holding a medicament in the form of a powder; and a source of propellant (53, 305), wherein the housing (50), or the main body (310, 505) provides an inlet (63, 380) and an outlet (55, 370) for the receptacle (54, 600), wherein the inlet (63, 380) is in fluid communication with the source of propellant (53, 305) and is directed against the medicament and the outlet (55, 370) is spaced from the medicament to allow aerosolization of the medicament; the device provides improved delivery efficiency, particularly a delivered fine particle fraction of greater than 20% by weight.

IPC 8 full level

A61M 15/00 (2006.01)

CPC (source: EP)

A61M 11/002 (2014.02); **A61M 15/0005** (2014.02); **A61M 15/0028** (2013.01); **A61M 15/0043** (2014.02); **A61M 15/0065** (2013.01); **A61M 2202/064** (2013.01); **A61M 2205/8225** (2013.01); **A61M 2206/14** (2013.01); **A61M 2209/06** (2013.01)

Citation (search report)

See references of WO 2007067855A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2007067855 A2 20070614; **WO 2007067855 A3 20071122**; AU 2006321678 A1 20070614; CN 101360529 A 20090204; EP 1957138 A2 20080820; JP 2009531070 A 20090903

DOCDB simple family (application)

US 2006061190 W 20061122; AU 2006321678 A 20061122; CN 200680051510 A 20061122; EP 06839996 A 20061122; JP 2008544606 A 20061122