

Title (en)

HFA-SUSPENSION FORMULATION OF AN ANHYDRATE

Title (de)

HFA-SUSPENSIONSFORMULIERUNGEN EINES ANHYDRATS

Title (fr)

FORMULATIONS DE SUSPENSIONS D'UN ANHYDRATE CONTENANT UN GAZ PROPULSEUR HFA

Publication

EP 1492498 A2 20050105 (DE)

Application

EP 03717219 A 20030320

Priority

- DE 10214264 A 20020328
- EP 0302899 W 20030320

Abstract (en)

[origin: WO03082244A2] The invention relates to propellant formulations containing suspensions of a crystalline anhydrate of (1alpha,2beta,4beta,5alpha,7beta)-7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0<2,4>]nonane bromide.

IPC 1-7

A61K 9/12; A61K 31/46; A61P 11/06

IPC 8 full level

A61K 9/10 (2006.01); **A61K 9/00** (2006.01); **A61K 9/72** (2006.01); **A61K 31/439** (2006.01); **A61K 31/46** (2006.01); **A61K 47/04** (2006.01); **A61K 47/06** (2006.01); **A61K 47/08** (2006.01); **A61K 47/10** (2006.01); **A61K 47/12** (2006.01); **A61K 47/14** (2006.01); **A61K 47/16** (2006.01); **A61K 47/18** (2006.01); **A61K 47/20** (2006.01); **A61K 47/22** (2006.01); **A61K 47/42** (2006.01); **A61P 11/00** (2006.01); **A61P 11/06** (2006.01)

CPC (source: EP KR)

A61K 9/008 (2013.01 - EP); **A61K 9/10** (2013.01 - KR); **A61K 9/12** (2013.01 - KR); **A61K 31/439** (2013.01 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP)

Citation (search report)

See references of WO 03082244A2

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 03082244 A2 20031009; WO 03082244 A3 20040205; AU 2003221509 A1 20031013; AU 2003221509 B2 20080124; BR 0308709 A 20050104; CA 2479638 A1 20031009; CA 2479638 C 20110104; CN 1642525 A 20050720; DE 10214264 A1 20031016; EA 008610 B1 20070629; EA 200401159 A1 20050428; EC SP045322 A 20050128; EP 1492498 A2 20050105; HR P20040890 A2 20050630; IL 163696 A0 20051218; JP 2005527550 A 20050915; JP 5147158 B2 20130220; KR 101005717 B1 20110105; KR 20040098022 A 20041118; ME 00246 B 20110510; ME P47308 A 20110210; MX PA04009338 A 20050125; NO 20044004 L 20041005; NZ 536030 A 20060728; PL 371295 A1 20050613; RS 52481 B 20130228; UA 79776 C2 20070725; YU 86004 A 20060817; ZA 200405637 B 20050727

DOCDB simple family (application)

EP 0302899 W 20030320; AU 2003221509 A 20030320; BR 0308709 A 20030320; CA 2479638 A 20030320; CN 03807247 A 20030320; DE 10214264 A 20020328; EA 200401159 A 20030320; EC SP045322 A 20040928; EP 03717219 A 20030320; HR P20040890 A 20040927; IL 16369603 A 20030320; JP 2003579782 A 20030320; KR 20047015174 A 20030320; ME P47308 A 20030320; MX PA04009338 A 20030320; NO 20044004 A 20040923; NZ 53603003 A 20030320; PL 37129503 A 20030320; UA 20041008758 A 20030320; YU P86004 A 20030320; ZA 200405637 A 20040715