

Title (en)

AEROSOL FORMULATION FOR INHALATION CONTAINING AN ANTICHOLINERGIC AGENT

Title (de)

AEROSOLFORMULIERUNG FÜR DIE INHALATION ENTHALTEND EIN ANTICHOLINERGIKUM

Title (fr)

FORMULATION D'AEROSOL DESTINEE A L'INHALATION CONTENANT UN AGENT ANTICHOLINERGIQUE

Publication

EP 1957070 A1 20080820 (DE)

Application

EP 06819435 A 20061113

Priority

- EP 2006068396 W 20061113
- DE 102005055958 A 20051124

Abstract (en)

[origin: WO2007060105A1] The invention relates to specific aqueous aerosol formulations that are devoid of propellant, containing one or more anticholinergic agents of formula (1), in which X <SUP> represents an anion, and containing at least one pharmacologically compatible organic acid and optionally additional pharmacologically compatible adjuvants and/or complexing agents. The cation of formula (1') is contained in the preparation at a concentration of between 411 and 460.32 mg per 100 ml of medicament preparation.

IPC 8 full level

A61K 31/46 (2006.01); **A61K 9/00** (2006.01); **A61K 47/12** (2006.01); **A61P 11/00** (2006.01)

CPC (source: EP US)

A61K 9/0078 (2013.01 - EP US); **A61K 31/46** (2013.01 - EP US); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **A61K 47/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2007060105A1

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 2007060105 A1 20070531; CA 2629073 A1 20070531; DE 102005055958 A1 20070719; EP 1957070 A1 20080820; JP 2010509183 A 20100325; US 2009221626 A1 20090903

DOCDB simple family (application)

EP 2006068396 W 20061113; CA 2629073 A 20061113; DE 102005055958 A 20051124; EP 06819435 A 20061113; JP 2008541690 A 20061113; US 9419606 A 20061113