

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 1957043 A2 20080820 (DE)

Application

EP 06819438 A 20061113

Priority

- EP 2006068399 W 20061113
- DE 102005055963 A 20051124

Abstract (en)

[origin: WO2007060108A2] 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 32 and 54 mg per 100 ml of medicament preparation.

IPC 8 full level

A61K 9/12 (2006.01); **A61K 31/55** (2006.01)

CPC (source: EP US)

A61K 9/0078 (2013.01 - EP US); **A61K 31/55** (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **A61P 11/08** (2017.12 - EP); **A61P 43/00** (2017.12 - EP)

Citation (search report)

See references of WO 2007060108A2

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 2007060108 A2 20070531; **WO 2007060108 A3 20070816**; CA 2628947 A1 20070531; DE 102005055963 A1 20070719; EP 1957043 A2 20080820; JP 2010509186 A 20100325; US 2009317337 A1 20091224

DOCDB simple family (application)

EP 2006068399 W 20061113; CA 2628947 A 20061113; DE 102005055963 A 20051124; EP 06819438 A 20061113; JP 2008541693 A 20061113; US 9403406 A 20061113