

Title (en)
HALIDE-FREE GLUCOSAMINE-ACIDIC DRUG COMPLEXES

Title (de)
HALOGENIDFREIE KOMPLEXE AUS GLUCOSAMIN UND EINEM SAUREN ARZNEIMITTEL

Title (fr)
COMPLEXES MEDICAMENTEUX ACIDES DE GLUCOSAMINE EXEMPTS D'HALOGENURE

Publication
EP 2190853 A4 20110831 (EN)

Application
EP 07835861 A 20070622

Priority
US 2007014610 W 20070622

Abstract (en)
[origin: WO2009002297A1] A complex of glucosamine having a purity of at least about 99 wt.% and a maximum halide content of about 0.01 wt.%, and a therapeutic drug having a pKa of less than 7. Preferably, the complex is stabilized by coating it with at least one pharmaceutically acceptable polymer comprising a water-soluble, water-immiscible and/or water-swelling homopolymer and/or copolymer. Suitable polymers include carboxypolyethylene homopolymers and copolymers; polyethylene glycol homopolymers and copolymers, povidone homopolymers and copolymers; polyacrylic acid homopolymers and copolymers; polyacrylamide homopolymers and copolymers; polysaccharides; and mixtures of two or more of the foregoing polymers. The resultant coated complex will be stable upon exposure to ambient temperature and/or the atmosphere. Suitable therapeutic drugs fall into the following classes: α - and β - Adrenergic Agonists; Narcotic and Non-Narcotic Analgesics; Anorexics; Antiallergics; Antianginals; Antiarrhythmics; Antiasthmatics; Antibiotics; Anticoagulants; Anticonvulsants; Antidepressants; Antidiabetics; Antihistaminics; Antihypertensives; Nonsteroidal Antiinflammatories; Antimigraines; Antineoplastics; Antiparkinsonians; Antipsychotics; Antipyretics; Antispasmodics; Antithrombotics; Antiulceratives; Anxiolytics; Decongestants; Diuretics; Hepatoprotectants; Sedatives; and Vasodilators.

IPC 8 full level
C07H 5/06 (2006.01)

CPC (source: EP)
A61K 31/726 (2013.01); **A61K 45/06** (2013.01); **C07H 5/06** (2013.01)

Citation (search report)

- [XD] US 5604206 A 19970218 - PARADIES HENRICH H [DE]
- [XD] US 6291527 B1 20010918 - GIORGETTI PAOLO LUCA MARIA [IT]
- See references of WO 2009002297A1

Designated contracting state (EPC)
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