

Title (en)

MODIFIED RELEASE FORMULATION AND METHODS OF USE

Title (de)

FORMULIERUNG MIT MODIFIZIERTER FREISETZUNG UND VERWENDUNGSVERFAHREN

Title (fr)

FORMULATION À LIBÉRATION MODIFIÉE ET PROCÉDÉS D'UTILISATION

Publication

**EP 2525660 A4 20130807 (EN)**

Application

**EP 11735033 A 20110118**

Priority

- US 69168010 A 20100121
- US 69088910 A 20100120
- US 2011021498 W 20110118

Abstract (en)

[origin: MX2012008475A] A modified release pharmaceutical formulation includes about 30-70% N-(2-amino-4- (fluorobenzylamino)-phenyl) carbamic acid ethyl ester (retigabine), or a pharmaceutically acceptable salt, solvate or hydrate thereof, about 5-30% of a drug delivery matrix including hydroxypropylmethylcellulose (HPMC), and an enteric polymer. The pharmaceutical formulation produces a sustained plasma concentration of retigabine following administration to a subject for 4- 20 hours longer than the time required for in vitro release of 80% of retigabine. The plasma concentration vs. time profile of this formulation is substantially flat over an extended period lasting for about 4 hours to about 36 hours. A method of treating a disorder characterized by nervous system hyperexcitability includes administering to a subject an effective amount of these pharmaceutical formulations.

IPC 8 full level

**A61K 9/28** (2006.01); **A61K 9/16** (2006.01); **A61K 9/20** (2006.01); **A61K 31/27** (2006.01)

CPC (source: EP)

**A61K 9/1652** (2013.01); **A61K 9/2009** (2013.01); **A61K 9/2013** (2013.01); **A61K 9/2027** (2013.01); **A61K 9/2054** (2013.01); **A61K 9/2086** (2013.01); **A61K 9/209** (2013.01); **A61K 9/2846** (2013.01); **A61K 31/27** (2013.01); **A61K 31/44** (2013.01)

Citation (search report)

- [Y] WO 0166081 A2 20010913 - AWD PHARMA GMBH & CO KG [DE]
- [Y] US 2006251721 A1 20061109 - CRUZ EVANGELINE [US], et al
- [Y] WO 2008066900 A1 20080605 - VALEANT PHARMACEUTICALS INT [US], et al
- [XP] WO 2010009433 A1 20100121 - VALEANT PHARMACEUTICALS INT [US], et al
- See references of WO 2011090923A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

BR 112012018173 A2 20170829; CL 2012002014 A1 20130405; CO 6592107 A2 20130102; EA 201290663 A1 20130329; EP 2525660 A1 20121128; EP 2525660 A4 20130807; MX 2012008475 A 20131101

DOCDB simple family (application)

BR 112012018173 A 20110118; CL 2012002014 A 20120720; CO 12139907 A 20120817; EA 201290663 A 20110118; EP 11735033 A 20110118; MX 2012008475 A 20110118