

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 A1 20121128 (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)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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