

Title (en)
ABUSE-RESISTANT AMPHETAMINE PRODRUGS

Title (de)
MISSBRAUCHSICHERE AMPHETAMIN-PRODRUGS

Title (fr)
PROMEDICAMENTS A BASE D'AMPHETAMINE RESISTANTS A LA CONSOMMATION ABUSIVE

Publication
EP 1865980 A4 20091111 (EN)

Application
EP 06769808 A 20060410

Priority

- US 2006013221 W 20060410
- US 66938605 P 20050408
- US 66938505 P 20050408
- US 68117005 P 20050516
- US 75654806 P 20060106
- US 75995806 P 20060119

Abstract (en)
[origin: WO2006121552A2] The invention describes compounds, compositions, and methods of using the same comprising a chemical moiety covalently attached to amphetamine. These compounds and compositions are useful for reducing or preventing abuse and overdose of amphetamine. These compounds and compositions find particular use in providing an abuse-resistant alternative treatment for certain disorders, such as attention deficit hyperactivity disorder (ADHD), ADD, narcolepsy, and obesity. Oral bioavailability of amphetamine is maintained at therapeutically useful doses. At higher doses bioavailability is substantially reduced, thereby providing a method of reducing oral abuse liability. Further, compounds and compositions of the invention decrease the bioavailability of amphetamine by parenteral routes, such as intravenous or intranasal administration, further limiting their abuse liability.

IPC 8 full level
A61K 38/16 (2006.01)

CPC (source: EP)
A61K 31/4015 (2013.01); **A61K 47/542** (2017.07); **A61P 3/04** (2017.12); **A61P 25/28** (2017.12); **A61P 25/30** (2017.12)

Citation (search report)

- [PX] WO 2005032474 A2 20050414 - NEW RIVER PHARMACEUTICALS INC [US], et al
- See references of WO 2006121552A2

Citation (examination)
WO 0105407 A1 20010125 - SHIRE LAB INC [US]

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 2006121552 A2 20061116; WO 2006121552 A3 20070705; WO 2006121552 A9 20070308; BR PI0612440 A2 20101123;
CA 2603873 A1 20061116; EP 1865980 A2 20071219; EP 1865980 A4 20091111; JP 2008535860 A 20080904; MX 2007012507 A 20080311

DOCDB simple family (application)
US 2006013221 W 20060410; BR PI0612440 A 20060410; CA 2603873 A 20060410; EP 06769808 A 20060410; JP 2008505617 A 20060410;
MX 2007012507 A 20060410