

Title (en)

PHARMACEUTICAL FORMULATIONS FOR THE DELIVERY OF DRUGS HAVING LOW AQUEOUS SOLUBILITY

Title (de)

PHARMAZEUTISCHE ZUBEREITUNGEN ZUR VERABREICHUNG VON WIRKSTOFFEN MIT GERINGER WASSERLÖSLICHKEIT

Title (fr)

FORMULATIONS PHARMACEUTIQUES POUR L'ADMINISTRATION DE MEDICAMENTS AYANT UNE FAIBLE SOLUBILITE AQUEUSE

Publication

EP 1246608 A1 20021009 (EN)

Application

EP 00988371 A 20001221

Priority

- US 0035322 W 20001221
- US 47812400 A 20000105
- US 70348400 A 20001031

Abstract (en)

[origin: WO0149268A1] Pharmaceutical formulations are provided that increase the systemic bioavailability of a drug that has low aqueous solubility. The drug is physically entrapped by a spatially stabilized matrix of a hydrophilic polymer, but is not covalently bound thereto. Phospholipid moieties are optionally conjugated to the hydrophilic polymer, and free phospholipids, stabilizing agents and/or other excipients may be incorporated into the formulations as well. Therapeutic methods are also provided, wherein a formulation of the invention is administered to a patient to treat a condition, disorder or disease that is responsive to a particular drug. Generally, administration is oral or parenteral.

IPC 1-7

A61K 9/14; **A61K 9/127**; **A61K 9/10**; **A61K 9/19**; **A61K 9/107**; **A61K 9/51**; **A61K 47/48**

IPC 8 full level

A61K 9/19 (2006.01); **A61K 9/107** (2006.01); **A61K 9/51** (2006.01); **A61K 31/337** (2006.01); **A61K 31/4745** (2006.01); **A61K 38/00** (2006.01); **A61K 47/10** (2006.01); **A61K 47/28** (2006.01); **A61K 47/30** (2006.01); **A61K 47/32** (2006.01); **A61K 47/34** (2006.01); **A61K 47/42** (2006.01); **A61K 47/44** (2006.01); **A61K 47/48** (2006.01); **A61L 29/16** (2006.01); **A61L 31/16** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP)

A61K 9/1075 (2013.01); **A61K 9/5146** (2013.01); **A61K 47/643** (2017.07); **A61K 47/6907** (2017.07); **A61K 47/6925** (2017.07); **A61K 47/6927** (2017.07); **A61K 47/6937** (2017.07); **A61L 29/08** (2013.01); **A61L 29/16** (2013.01); **A61L 31/08** (2013.01); **A61L 31/16** (2013.01); **A61P 35/00** (2017.12); **B82Y 5/00** (2013.01); **A61L 2300/416** (2013.01)

Cited by

CN109568271A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0149268 A1 20010712; AU 2458501 A 20010716; CA 2395132 A1 20010712; EP 1246608 A1 20021009; EP 1246608 A4 20050518; JP 2003520210 A 20030702

DOCDB simple family (application)

US 0035322 W 20001221; AU 2458501 A 20001221; CA 2395132 A 20001221; EP 00988371 A 20001221; JP 2001549636 A 20001221