

Title (en)
REMOTE AND LOCAL CONTROLLED DELIVERY OF PHARMACEUTICAL COMPOUNDS USING ELECTROMAGNETIC ENERGY

Title (de)
AUF ABSTAND UND LOKAL GESTEUERTE ZUFUHR PHARMAZEUTISCHER SUBSTANZEN MITTELS ELEKTROMAGNETISCHER ENERGIE

Title (fr)
LIBERATION CONTROLEE A DISTANCE ET LOCALE DE COMPOSES PHARMACEUTIQUES FAISANT APPEL A L'ENERGIE ELECTROMAGNETIQUE

Publication
EP 1180053 A1 20020220 (EN)

Application
EP 00932535 A 20000517

Priority
• US 0013559 W 20000517
• US 13448699 P 19990517

Abstract (en)
[origin: WO0069515A1] The present invention provides a method/system for remote and local controlled delivery of pharmaceutical compounds or biomolecule collection using electromagnetic energy. Controlled electromagnetic energy driven systems are integrated into patches and other delivery devices. Also provided is a drug delivery or biomolecule collection patch electronically monitored by global positioning system.

IPC 1-7
A61N 1/30; A61B 17/20

IPC 8 full level
A61K 9/06 (2006.01); **A61K 9/70** (2006.01); **A61K 31/167** (2006.01); **A61K 31/5575** (2006.01); **A61K 45/00** (2006.01); **A61M 35/00** (2006.01); **A61M 37/00** (2006.01); **A61N 1/30** (2006.01); **A61N 1/40** (2006.01); **A61P 23/00** (2006.01); **A61P 29/00** (2006.01); **A61P 31/00** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **G06Q 50/00** (2006.01); **A61B 17/00** (2006.01); **A61B 18/20** (2006.01); **A61M 5/142** (2006.01)

CPC (source: EP)
A61M 37/00 (2013.01); **A61N 1/30** (2013.01); **A61N 1/40** (2013.01); **A61P 23/00** (2017.12); **A61P 29/00** (2017.12); **A61P 31/00** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **A61B 18/203** (2013.01); **A61B 2017/00765** (2013.01); **A61B 2018/00452** (2013.01); **A61M 5/14276** (2013.01); **A61M 2037/0007** (2013.01); **A61M 2205/3553** (2013.01); **A61M 2205/3561** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0069515 A1 20001123; AU 5024200 A 20001205; AU 771818 B2 20040401; CA 2372919 A1 20001123; EP 1180053 A1 20020220; EP 1180053 A4 20061108; JP 2002543942 A 20021224

DOCDB simple family (application)
US 0013559 W 20000517; AU 5024200 A 20000517; CA 2372919 A 20000517; EP 00932535 A 20000517; JP 2000617972 A 20000517