

Title (en)
HIGH PRESSURE COMPACTION FOR PHARMACEUTICAL FORMULATIONS

Title (de)
HOCHDRUCK-TABLETTIERUNG FÜR ARZNEIMITTELFÖRMULIERUNGEN

Title (fr)
COMPACTAGE HAUTE PRESSION POUR FORMULATIONS PHARMACEUTIQUES

Publication
EP 1583519 A1 20051012 (EN)

Application
EP 03800248 A 20031222

Priority

- US 0341392 W 20031222
- US 43516302 P 20021220
- US 43541602 P 20021220
- US 43544502 P 20021220
- US 43541502 P 20021220
- US 43548802 P 20021220
- US 43544902 P 20021220
- US 43544702 P 20021220
- US 43550602 P 20021220
- US 43550502 P 20021220
- US 43550702 P 20021220
- US 43549602 P 20021220
- US 43507502 P 20021220
- US 43542302 P 20021220
- US 43533602 P 20021220
- US 43563002 P 20021220
- US 43537202 P 20021220
- US 43510602 P 20021220
- US 43538802 P 20021220
- US 43563202 P 20021220
- US 43555702 P 20021220
- US 43555802 P 20021220
- US 43513202 P 20021220
- US 43549702 P 20021220
- US 43549402 P 20021220
- US 43550802 P 20021220
- US 43550102 P 20021220
- US 43556502 P 20021220
- US 43503802 P 20021220
- US 43503702 P 20021220
- US 43516202 P 20021220
- US 43533802 P 20021220
- US 43550902 P 20021220
- US 43549502 P 20021220
- US 45072203 P 20030228
- US 45499703 P 20030314

Abstract (en)
[origin: WO2004058222A1] Methods for producing a pharmaceutical preparation of pressure-fused particles including an active pharmaceutical ingredient are disclosed. The methods include the application of a pressure of between 0.1 GPa and 10 GPa to produce a compacted sample. The pressure-fused particles of the invention are useful for parenteral administration, and particularly sustained-release formulations, due to dissolution kinetics which are superior to conventional crystalline or amorphous packed powder preparations of active pharmaceutical ingredients. Pharmaceutical preparations including such pressure-fused microparticles are also disclosed.

IPC 1-7
A61K 9/14

IPC 8 full level
A61K 9/14 (2006.01); **A61K 9/16** (2006.01)

CPC (source: EP)
A61K 9/14 (2013.01); **A61K 9/1688** (2013.01); **A61K 9/5026** (2013.01)

Citation (search report)
See references of WO 2004058222A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004058222 A1 20040715; AU 2003299982 A1 20040722; AU 2003299982 B2 20100429; AU 2003299983 A1 20040722; AU 2010201138 A1 20100415; EP 1583519 A1 20051012; WO 2004058223 A1 20040715

DOCDB simple family (application)
US 0341392 W 20031222; AU 2003299982 A 20031222; AU 2003299983 A 20031222; AU 2010201138 A 20100323; EP 03800248 A 20031222; US 0341391 W 20031222