

Title (en)  
PHARMACEUTICAL COMPOSITIONS HAVING THE SHAPE OF POWDERS OF CROSS-LINKED POLYMERS LOADED WITH DRUGS AND RELATED PREPARATION PROCESS BY SUPERCRITICAL FLUIDS

Title (de)  
PULVERFÖRMIGE PHARMAZEUTISCHE ZUSAMMENSETZUNGEN VON WIRKSTOFFBELADENEN VERNETZTEN POLYMEREN UND HERSTELLUNGSVERFAHREN DURCH GEBRAUCH VON ÜBERKRITISCHEN FLÜSSIGKEITEN

Title (fr)  
COMPOSITIONS PHARMACEUTIQUES AYANT LA FORME DE POUDRES DE POLYMERES RETICULES CHARGES DE MEDICAMENTS ET PROCEDE DE PREPARATION CORRESPONDANT AU MOYEN DE FLUIDES SUPERCRITIQUES

Publication  
**EP 1033977 A2 20000913 (EN)**

Application  
**EP 98965674 A 19981116**

Priority  
• EP 9807311 W 19981116  
• IT MI972571 A 19971119

Abstract (en)  
[origin: WO9925322A2] Pharmaceutical compositions in powder form are prepared by loading drugs solubilized in supercritical fluids on cross-linked polymers. The loading process is carried out by means of two steps. In the first step the supercritical fluid is saturated with the drug in suitable temperature and pressure conditions. In the second step the supercritical fluid containing the drug is contacted with the cross-linked polymer. Owing to its particular properties the supercritical fluid penetrates into the polymer and allows the drug to impregnate the polymer itself. After the removal of the fluid the drug remains in the polymer itself.

IPC 1-7  
**A61K 9/16**; **A61K 9/14**

IPC 8 full level  
**A61K 9/14** (2006.01); **A61K 9/16** (2006.01); **A61K 47/30** (2006.01)

CPC (source: EP KR)  
**A61K 9/14** (2013.01 - KR); **A61K 9/146** (2013.01 - EP); **A61K 9/1635** (2013.01 - EP); **A61K 9/1694** (2013.01 - EP)

Citation (search report)  
See references of WO 9925322A2

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

DOCDB simple family (publication)  
**WO 9925322 A2 19990527**; **WO 9925322 A3 19990819**; AU 2153199 A 19990607; AU 738748 B2 20010927; BR 9814656 A 20001003; CA 2310423 A1 19990527; EP 1033977 A2 20000913; IT 1296464 B1 19990625; IT MI972571 A1 19990519; JP 2001522873 A 20011120; KR 20010032251 A 20010416; NZ 505290 A 20020828

DOCDB simple family (application)  
**EP 9807311 W 19981116**; AU 2153199 A 19981116; BR 9814656 A 19981116; CA 2310423 A 19981116; EP 98965674 A 19981116; IT MI972571 A 19971119; JP 2000520756 A 19981116; KR 20007005454 A 20000518; NZ 50529098 A 19981116