

Title (en)
PROCESS FOR THE SELECTIVE INCREASE OF A RELEASE RATE OF AN ACTIVE MATERIAL FROM A PHARMACEUTICAL COMPOSITION

Title (de)
VERFAHREN ZUR SELEKTIVEN ERHÖHUNG EINER FREISETZUNGSRATE EINES WIRKSTOFFS AUS EINER PHARMAZEUTISCHEN ZUSAMMENSETZUNG

Title (fr)
PROCÉDÉ POUR AUGMENTER SÉLECTIVEMENT LA LIBÉRATION D' UNE SUBSTANCE ACTIVE D' UNE COMPOSITION PHARMACEUTIQUE

Publication
EP 1758559 A1 20070307 (EN)

Application
EP 05718501 A 20050419

Priority
• IB 2005001063 W 20050419
• EP 04010075 A 20040428
• EP 05718501 A 20050419

Abstract (en)
[origin: EP1591107A1] The present invention provides a process for a selective increase of a release rate in a later stage of the release period of an active material from a controlled release pharmaceutical composition comprising an active material and a lipid material embedding said active material, comprising the step of: adding a swellable organic disintegrant selected from the group consisting of potato starch, maize starch, wheat starch, tapioca starch, pregelatinized starch, physically modified amylose, modified potato starch, amylopectin, sodium starch glycolate, sodium amylopectin glycolate, croscarmellose sodium, carmellose calcium, calcium alginate, crosslinked dextran and formaldehyde-casein, in an amount of 3 to 20 percent by weight, based on the entire weight of the controlled release pharmaceutical composition, to a lipophilic matrix comprising an active material embedded in a lipid material; and a controlled release pharmaceutical composition having such a modified release profile comprising an active material, a lipid material embedding said active material, and a swellable organic disintegrant mentioned above, in an amount of 3 to 20 percent by weight.

IPC 8 full level
A61K 9/20 (2006.01); **A61K 47/14** (2006.01); **A61K 47/36** (2006.01); **A61K 9/16** (2006.01)

CPC (source: EP)
A61K 9/2013 (2013.01); **A61K 9/2077** (2013.01); **A61P 9/12** (2017.12); **A61P 21/02** (2017.12); **A61P 25/08** (2017.12); **A61K 9/1617** (2013.01)

Citation (search report)
See references of WO 2005105048A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1591107 A1 20051102; BR PI0510253 A 20071023; CA 2563829 A1 20051110; EP 1758559 A1 20070307; JP 2007534741 A 20071129; MX PA06012448 A 20070117; WO 2005105048 A1 20051110

DOCDB simple family (application)
EP 04010075 A 20040428; BR PI0510253 A 20050419; CA 2563829 A 20050419; EP 05718501 A 20050419; IB 2005001063 W 20050419; JP 2007510143 A 20050419; MX PA06012448 A 20050419