

Title (en)
HYDRODYNAMICALLY BALANCING ORAL DRUG DELIVERY SYSTEM

Title (de)
HYDRODYNAMISCH AUSBALANCIERTES ORALES ARZNEISTOFFVERABREICHUNGSSYSTEM

Title (fr)
SYSTEME D'ADMINISTRATION DE MEDICAMENT PAR VOIE ORALE A EQUILIBRAGE HYDRODYNAMIQUE

Publication
EP 1206249 A1 20020522 (EN)

Application
EP 00949840 A 20000801

Priority
• IB 0001083 W 20000801
• IB 9901386 W 19990804

Abstract (en)
[origin: WO0110405A1] The present invention relates to a gastro-retentive oral drug delivery system structurally comprised of a highly porous matrix comprising a drug, gas generating components, sugar, release controlling agents and, optionally, spheronizing agents. The pharmaceutical composition, either in the form of pellets (multiparticulate or single unit dosage form), beads, granules or capsules, is retained in the stomach while selectively delivering the drug at the gastric levels and upper parts of small intestine over an extended period of time.

IPC 1-7
A61K 9/46

IPC 8 full level
A61K 9/00 (2006.01); **A61K 9/16** (2006.01); **A61K 9/20** (2006.01); **A61K 9/30** (2006.01); **A61K 9/46** (2006.01); **A61K 9/48** (2006.01); **A61K 47/02** (2006.01); **A61K 47/04** (2006.01); **A61K 47/12** (2006.01); **A61K 47/18** (2006.01); **A61K 47/20** (2006.01); **A61K 47/26** (2006.01); **A61K 47/30** (2006.01); **A61K 47/32** (2006.01); **A61K 47/36** (2006.01); **A61K 47/38** (2006.01); **A61K 47/42** (2006.01); **A61K 47/44** (2006.01); **A61K 47/46** (2006.01)

CPC (source: EP)
A61K 9/0007 (2013.01); **A61K 9/0065** (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 0110405 A1 20010215; AP 2002002410 A0 20020331; AU 5060499 A 20010305; AU 6309900 A 20010305; AU 774957 B2 20040715; BR 0012981 A 20020618; CA 2378468 A1 20010215; CN 1376059 A 20021023; CZ 2002415 A3 20020814; EA 200200126 A1 20021031; EP 1206249 A1 20020522; EP 1206249 A4 20041222; HK 1047226 A1 20030214; HR P20020108 A2 20031231; HU P0202497 A2 20021128; HU P0202497 A3 20040528; IL 147966 A0 20020912; JP 2003506400 A 20030218; MX PA02001272 A 20020722; NZ 516959 A 20031031; OA 12003 A 20060418; PL 353321 A1 20031117; SK 1832002 A3 20020806; TR 200200467 T2 20020821; WO 0110419 A1 20010215; ZA 200200926 B 20021127

DOCDB simple family (application)
IB 9901386 W 19990804; AP 2002002410 A 19990804; AU 5060499 A 19990804; AU 6309900 A 20000801; BR 0012981 A 20000801; CA 2378468 A 20000801; CN 00813344 A 20000801; CZ 2002415 A 20000801; EA 200200126 A 20000801; EP 00949840 A 20000801; HK 02108477 A 20021122; HR P20020108 A 20020204; HU P0202497 A 20000801; IB 0001083 W 20000801; IL 14796600 A 20000801; JP 2001514939 A 20000801; MX PA02001272 A 20000801; NZ 51695900 A 20000801; OA 1200200041 A 20000801; PL 35332100 A 20000801; SK 1832002 A 20000801; TR 200200467 T 20000801; ZA 200200926 A 20020201