

Title (en)
IMPROVED ORAL TARGETTED DRUG DELIVERY SYSTEM

Title (de)
VERBESSERTES SYSTEM ZUR ORALEN VERABREICHUNG EINES ARZNEIMITTELS

Title (fr)
SYSTÈME AMÉLIORÉ D'ADMINISTRATION CIBLÉE DE MÉDICAMENTS PAR VOIE ORALE

Publication
EP 2632902 A4 20140528 (EN)

Application
EP 11824692 A 20110919

Priority
• IN 2220DE2010 A 20100917
• IN 2011000642 W 20110919

Abstract (en)
[origin: WO2012035561A2] The present invention discloses an "Improved Oral Targetted Drug Delivery System (O-TDDS)" particularly suited for delivery of drugs having activity against the diseases located in the colon e.g. colon cancer, ulcerative colitis, protozoal infections etc. The system comprises two elements or parts viz. microspheres (drug + natural polymers such as guar gum or xanthan gum) and probiotics. Both the elements are packed together in a single, pharmaceutically acceptable oral dosage form such as a capsule. The system offers distinct advantages of drug delivery without undesirable side-effects of diarrhea, nausea or vomiting commonly encountered in case of anti-cancer drugs such as 5-Fluorouracil.

IPC 8 full level
C07D 239/02 (2006.01)

CPC (source: EP)
A61K 9/1652 (2013.01); **A61K 9/5084** (2013.01); **A61K 31/138** (2013.01); **A61K 31/216** (2013.01); **A61K 31/365** (2013.01); **A61K 31/405** (2013.01); **A61K 31/415** (2013.01); **A61K 31/4164** (2013.01); **A61K 31/4184** (2013.01); **A61K 31/495** (2013.01); **A61K 31/513** (2013.01); **A61K 31/519** (2013.01); **A61K 31/522** (2013.01); **A61K 31/554** (2013.01); **A61K 31/555** (2013.01); **A61K 31/573** (2013.01); **A61K 31/58** (2013.01); **A61K 31/606** (2013.01); **A61K 31/635** (2013.01); **A61K 31/704** (2013.01); **A61K 35/745** (2013.01); **A61P 1/00** (2017.12); **A61P 33/02** (2017.12); **A61P 35/00** (2017.12); **A61K 2035/115** (2013.01)

Citation (search report)
• [A] WO 2004022031 A2 20040318 - CANACURE CORP [CA]
• See references of WO 2012035561A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012035561 A2 20120322; WO 2012035561 A3 20120719; WO 2012035561 A4 20120816; CN 103347863 A 20131009;
EP 2632902 A2 20130904; EP 2632902 A4 20140528; JP 2013537221 A 20130930

DOCDB simple family (application)
IN 2011000642 W 20110919; CN 201180055177 A 20110919; EP 11824692 A 20110919; JP 2013528836 A 20110919