

Title (en)

COLONIC DELIVERY USING ZN/PECTIN BEADS WITH A EUDRAGIT COATING.

Title (de)

ABGABE IM KOLON MIT ZN/PECTIN-PERLEN MIT EUDRAGIT-BESCHICHTUNG

Title (fr)

DISTRIBUTION COLIQUE À L'AIDE DE BILLES ZN/PECTINE AVEC UN REVÊTEMENT D'EUDRAGIT

Publication

**EP 2081557 A1 20090729 (EN)**

Application

**EP 07822689 A 20071116**

Priority

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Abstract (en)

[origin: WO2008059062A1] Drug delivery systems that can deliver therapeutic and/or diagnostic agents to the colon are disclosed. The systems include pectin beads crosslinked with zinc or any divalent cation of interest, which beads are then coated with Eudragit®-type polymers. The drug delivery systems are orally administrable, but can deliver the active agents to the colon, or, in some embodiments, to various other positions in the gastro-intestinal tract. The agents can be used to diagnose, treat, prevent, or investigate a variety of conditions, including infectious diseases, inflammatory diseases, cancers and the like. Certain agents, such as metallo-dependent enzymes, for example,  $\beta$ -lactamase LI from *Stenotrophomonas maltophilia*, as well as agents that inactivate macrolide, quinolone, fluoroquinolone or glycopeptide antibiotics, can reduce the quantity of residual antibiotics reaching the colon following antibiotic therapy.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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