

Title (en)
MULTI-LAYER TABLETS AND BIOADHESIVE DOSAGE FORMS

Title (de)
MEHRSCICHTIGE TABLETTEN UND BIOADHÄSIVE DOSIERFORMEN

Title (fr)
COMPRIMES MULTICOUCHE ET FORMES POSOLOGIQUES BIOADHESIVES

Publication
EP 1784167 A2 20070516 (EN)

Application
EP 05792519 A 20050829

Priority

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- US 60519804 P 20040827
- US 60519904 P 20040827
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- US 60520104 P 20040827
- US 60790504 P 20040908
- US 932704 A 20041209
- US 63581204 P 20041213
- US 65019105 P 20050204
- US 65037505 P 20050204
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Abstract (en)
[origin: WO2006031420A2] Bioadhesives coatings increase the gastrointestinal retention time of orally-ingested medicaments. Certain bioadhesive coatings producing a fracture strength of at least 100 N/m², as measured on rat intestine, when applied to at least one surface of a pharmaceutical dosage form for oral delivery of a drug, result in a gastrointestinal retention time of at least 4 hours in a fed beagle dog model, during which the drug is released from the dosage form. Multi-layer tablets, particularly those including hydrophobic excipients, are useful in administering hygroscopic and/or deliquescent drugs. In addition, varying the amount of drug in multi-layer tablets allows the release rate of the drug to be controlled.

IPC 8 full level
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Citation (search report)
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