

Title (en)

DRY DIRECT COMPRESSION COMPOSITIONS FOR CONTROLLED RELEASE DOSAGE FORMS.

Title (de)

TROCKENE ZUSAMMENSETZUNGEN MIT DIREKTEM ZUSAMMENDRUCK FÜR DOSIERUNGSFORMEN MIT KONTROLLIERBARER VERABREICHUNG.

Title (fr)

COMPOSITIONS SECHES A COMPRESSION DIRECTE POUR FORMES DE DOSAGE A LIBERATION CONTROLEE.

Publication

**EP 0147437 A4 19870305 (EN)**

Application

**EP 84902301 A 19840529**

Priority

- US 49922183 A 19830531
- US 60047284 A 19840416

Abstract (en)

[origin: WO8404674A1] The selection of: a hydrophobic carbohydrate polymer, e.g. ethyl cellulose; and, generally at least one digestive-difficulty soluble component, i.e., a wax, e.g. carnauba wax, fatty acid material or neutral lipid provides upon dry direct compression a controlled and continuous release matrix for tablets or implants of biologically active agents. Preferred for producing dry direct compressed products is the combination of: a hydrophobic cellulose derivative; a wax, and, a fatty acid material and/or a neutral lipid since it provides upon dry direct compression a controlled and continuous release tablet or implant of improved structural integrity against externally imposed forces.

IPC 1-7

**A61K 9/26**

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 9/20** (2006.01); **A61K 9/22** (2006.01); **A61K 9/26** (2006.01)

CPC (source: EP)

**A61K 9/2013** (2013.01); **A61K 9/2054** (2013.01)

Citation (search report)

- [X] DE 2050701 A1 19710506
- [A] US 3108046 A 19631022 - HARBIT KEITH B
- See references of WO 8404674A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

**WO 8404674 A1 19841206**; AU 2967684 A 19841218; AU 3475189 A 19890907; AU 581177 B2 19890216; BR 8406921 A 19850604; EP 0147437 A1 19850710; EP 0147437 A4 19870305; JP H0759502 B2 19950628; JP S60501459 A 19850905

DOCDB simple family (application)

**US 8400807 W 19840529**; AU 2967684 A 19840529; AU 3475189 A 19890515; BR 8406921 A 19840529; EP 84902301 A 19840529; JP 50229284 A 19840529