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[US/US]; 1267 Huntingdon Road, Abington, PA 19001 (US).

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(74) Agents: **JOHNSON, Philip, S.** et al.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).

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(71) Applicant (*for all designated States except US*): **MC-NEIL-PPC, INC.** [US/US]; Grandview Road, Skillman, NJ 08558 (US).

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(72) Inventors; and
(75) Inventors/Applicants (*for US only*): **LEE, Der-Yang** [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). **LI, Shun-Por** [US/US]; 1615 Clearbrook Road, Lansdale, PA 19446 (US). **PARIKH, Narendra** [US/US]; 14 Sycamore Lane, Long Valley, NJ 07853 (US). **SOWDEN, Harry, S.** [US/US]; 209 Woods Road, Glenside, PA 19038 (US). **THOMAS, Martin** [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). **WYNN, David**

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(54) Title: MODIFIED RELEASE DOSAGE FORMS

(57) Abstract: A dosage form comprises: (a) a core comprising at least one active ingredient; and (b) a molded shell which surrounds the core, wherein the shell provides a predetermined time delay of greater than one hour for the onset of dissolution of the active ingredient upon contacting of the dosage form with a liquid medium and the delay is independent of the pH of the liquid medium. The weight of the shell may be at least 50 percent of the weight of the core, and the shell may have a thickness of about 500-4000 microns, or be substantially free of pores having a diameter of 0.5 to 5 microns.

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 415 868 A (CRIM MARK E ET AL) 16 May 1995 (1995-05-16) column 1, line 40 - line 59 column 2, line 5 - line 62 figures 1,2 ---	1,6-8, 11,13, 14,17, 19,23-25
X	US 5 824 338 A (SHAH SHIRISH A ET AL) 20 October 1998 (1998-10-20) column 2, line 11 - line 27 column 2, line 58 - line 61 column 3, line 6 - line 30 --- -/--	1,6-8, 11,13, 14,17, 22-25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rankin, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 0 279 682 A (MCNEILAB INC) 24 August 1988 (1988-08-24)</p> <p>column 4, line 27 -column 5, line 4 column 6, line 9 - line 34 column 9, line 6 - line 64 figures</p>	<p>1,6-8, 11,13, 14,17, 22-25</p>
X	<p>US 5 100 675 A (CHO WING-KEE P ET AL) 31 March 1992 (1992-03-31)</p> <p>column 1, line 33 - line 46 column 2, line 29 - line 65 examples</p>	<p>1,6-11, 13,14, 16,17, 20-24, 26,27</p>
X	<p>US 5 558 879 A (CHEN CHIH-MING ET AL) 24 September 1996 (1996-09-24)</p> <p>figures 3-4C column 2, line 8 - line 41 column 3, line 24 - line 34 column 4, line 15 -column 5, line 34 examples</p>	<p>1,6-14, 17,18, 22-24, 26,27, 32,34</p>
X	<p>US 5 807 579 A (WILLOUGHBY DAVID JOHN ET AL) 15 September 1998 (1998-09-15)</p> <p>column 2, line 35 -column 5, line 14 examples claims</p>	<p>1,6, 11-14, 16,17</p>

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