(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
11 January 2001 (11.01.2001)

PCT

(10) International Publication Number
WO 01/01966 A3

(51) International Patent Classification[7]: A61K 9/28

(21) International Application Number: PCT/US00/17796

(22) International Filing Date: 28 June 2000 (28.06.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/345,915 1 July 1999 (01.07.1999) US

(71) Applicant: **ABBOTT LABORATORIES** [US/US]; Dept. 377/ AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) Inventors: **MAZER, Terry, B.**; 6897 Roundelay Road North, Reynoldsburg, OH 43068 (US). **WALTON, Joseph, E.**; 86 Executive Court, Westerville, OH 43081 (US). **ARNHOLT, Barbara, S.**; 218 West New England, Worthington, OH 43085 (US). **EVANS, Monty, L.**; 11017 Appleton Road, Johnston, OH 43041 (US). **GECKLE, Ronita, K.**; 2443 Shrewsbury, Columbus, OH 43221 (US). **HAMILTON, Daniel**; 8701 Colvin Drive, Plain City, OH 43064 (US). **KROPCZYNSKI, John, J., Jr.**; 7148 Wellington Court, Dublin, OH 43016 (US). **MURAWSKI, Franka, A.**; 501 Olde Mill Drive, Westerville, OH 43081 (US). **TUCKER, Larry, G.**; 397 Hopewell Drive, Powell, OH 43065 (US). **WALKER, Sherri, A.**; 333 South State Route 605, Sunbury, OH 43074 (US). **WALSH, Michael, V.**; 508 Liberty Lane, Westerville, OH 43081 (US). **WALSH, Rhonda, E.**; 508 Liberty Lane, Westerville, OH 43081 (US).

(74) Agents: **WEINSTEIN, David, L.** et al.; Dept. 377, AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(81) Designated States *(national)*: AU, CA, JP, MX, NO, NZ.

(84) Designated States *(regional)*: European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published:
— *with international search report*

(88) Date of publication of the international search report:
26 July 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/01966 A3

(54) Title: SUSTAINED RELEASE DOSAGE FORM UNIT HAVING LATEX COATING AND METHOD OF MAKING THE SAME

(57) Abstract: Dosage form unit is provided to deliver one or more beneficial agents into a fluid, such as liquid enteral nutritional product. The dosage form unit includes a core containing at least one beneficial agent, preferably a marker dye, which is dispersible in the fluid. The core also contains a compatible binding agent to bind the beneficial agent together. Additional components of the core may include a plasticizer, a standard flow agent, a lubricant, additional tableting aids and at least one hydrophilic agent. A latex coating encases the core. The latex coating includes a mixture containing a substantially hydrophobic base material, preferably formed from an emulsion of cellulose acetate microspheres, which is capable of defining a matrix-type membrane, and at least one hydrophilic component being dispersible in the fluid. A dispersible beneficial agent is preferred as one of the hydrophilic components of the latex coating to allow immediate release of the beneficial agent therefrom. A method of making the dosage form unit also is provided.

INTERNATIONAL SEARCH REPORT

Interr nal Application No
PCT/US 00/17796

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/28

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)
WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	WO 96 21478 A (ABBOTT LABORATORIES) 18 July 1996 (1996-07-18) page 4, line 1 -page 6, line 31 page 15, line 4 -page 16, line 17 & US 5 549 550 A 27 August 1996 (1996-08-27) cited in the application	4,15 1-22
X Y	WO 98 03161 A (DEXCEL LTD.) 29 January 1998 (1998-01-29) the whole document page 6, paragraph 2	1-3,7, 11-14, 16,22 4,8,9, 15-17,19

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
18 January 2001	29/01/2001

Name and mailing address of the ISA	Authorized officer
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	Benz, K

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Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

Intern. ...nal Application No
PCT/US 00/17796

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 4 983 399 A (MAISH) 8 January 1991 (1991-01-08) column 7; example 9 column 2, line 50 - line 57	8,16,17
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