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(71) Applicant (for all designated States except US):
BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, Connecticut 06877-0368 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LI, Jinjiang** [CA/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **CHEN, Shirlynn** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, Ridgefield, CT 06877-0368 (US). **GEREG, George, W., Jr.** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **CORSON, Mariotte** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).

(74) Agents: **MORRIS, Michael, P.** et al.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, Connecticut 06877-0368 (US).

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(54) Title: A NEW CLASS OF SURFACTANT-LIKE MATERIALS COMPRISING VITAMIN E TPGS AND A WATER SOLUBLE POLYMER

(57) Abstract: This invention generally refers to a novel class of surfactant-like material comprising vitamin E TPGS and a water soluble polymer that promotes the solubility of poorly soluble compounds.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. A61K9/14		
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) 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, BIOSIS, MEDLINE, EMBASE, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SETHIA S ET AL: "Solid dispersion of carbamazepine in PVP K30 by conventional solvent evaporation and supercritical methods." INTERNATIONAL JOURNAL OF PHARMACEUTICS (KIDLINGTON), vol. 272, no. 1-2, 19 March 2004 (2004-03-19), pages 1-10, XP002395638 ISSN: 0378-5173 abstract page 2, left-hand column, lines 29-47 tables 1,2 page 3, left-hand column, lines 4-8 ----- -/--	1-5,7, 9-11, 13-22, 24, 26-28, 30,33,34
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		
<input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search <p align="center">30 August 2006</p>		Date of mailing of the international search report <p align="center">14/09/2006</p>
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 <p align="center">Villa Riva, A</p>

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PCT/US2005/033324

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MU L ET AL: "A novel controlled release formulation for the anticancer drug paclitaxel (Taxol<(>R)): PLGA nanoparticles containing vitamin E TPGS" JOURNAL OF CONTROLLED RELEASE, ELSEVIER, AMSTERDAM, NL, vol. 86, no. 1, 9 January 2003 (2003-01-09), pages 33-48, XP004398997 ISSN: 0168-3659 abstract page 34, right-hand column, line 17 - page 35, left-hand column, line 22 figure 7(b); table 1	1,13
Y	US 6 416 793 B1 (ZELIGS MICHAEL A ET AL) 9 July 2002 (2002-07-09) column 5, line 50 - column 6, line 8 example 3	1-34
Y	SHIN SANG-CHUL ET AL: "Physicochemical characterization of solid dispersion of furosemide with TPGS." INTERNATIONAL JOURNAL OF PHARMACEUTICS (KIDLINGTON), vol. 251, no. 1-2, 30 January 2003 (2003-01-30), pages 79-84, XP001125854 ISSN: 0378-5173 the whole document	1-34
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Information on patent family members

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US 5558876	A	24-09-1996	AU 4980996 A 16-10-1996 WO 9630022 A1 03-10-1996