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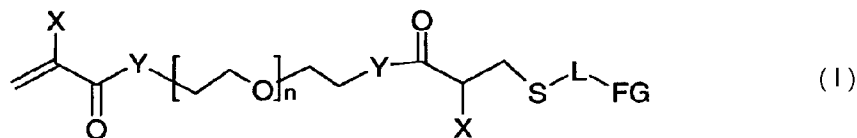
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: FUNCTIONALIZED POLY(ETHYLENE GLYCOL)



(57) Abstract: The present invention relates to a bi-functional compound containing a linking material, and a particle comprising a linking material, and a linking material comprising a polyethylene glycol macromonomer backbone with a radical polymerizable group at one end of the macromonomer backbone and a different reactive chemical functionality at the other end of the macromonomer backbone, according to Formula I: [insert formula] Formula I wherein X is CH₃, CN or H; Y is O, NR₁, or S; L is a linking group or spacer; FG is a functional group; n is greater than 4 and less than 1000; and wherein R₁ and R₂ are independently selected from substituted or unsubstituted alkyl, aryl, or heteroaryl.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
C08G

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HERMAN S ET AL: "POLY(ETHYLENE GLYCOL) WITH REACTIVE ENDGROUPS: I. MODIFICATION OF PROTEINS" JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, LANCASTER, PA, US, vol. 10, no. 2, April 1995 (1995-04), pages 145-187, XP009032001 the whole document	1-25
A	US 2005/176896 A1 (BENTLEY MICHAEL D [US] ET AL) 11 August 2005 (2005-08-11) cited in the application paragraphs [0021], [0024], [0025], [0043], [0045], [0054], [0055]; example 10	1-25
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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.
A	HARRIS J M: "LABORATORY SYNTHESIS OF POLYETHYLENE GLYCOL DERIVATIVES" JOURNAL OF MACROMOLECULAR SCIENCE-REVIEWS IN MACROMOLECULAR CHEMISTRY, MARCEL DEKKER JOURNALS. NEW YORK, US, vol. C-25, no. 3, 1985, pages 325-373, XP002036446 ISSN: 0736-6574 the whole document	1-25
A	DATABASE WPI Week 199749 Derwent Publications Ltd., London, GB; AN 1997-532768 XP002451273 & JP 09 255690 A (MITSUBISHI RAYON CO LTD) 30 September 1997 (1997-09-30) cited in the application abstract	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005176896	A1	11-08-2005	NONE
JP 9255690	A	30-09-1997	NONE