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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.

(54) Title: **BIOCOMPATIBLE SURGICAL COMPOSITONS**

(57) Abstract: Biocompatible macromer compositions are provided including an isocyanate-functional polyalkylene oxide combined with at least one multi functional isocyanate as a first component, and a multi-amino functional compound possessing multiple primary amines as a second component. The isocyanate-functional polyalkylene oxide has pendant polyalkylene oxide groups. The resulting biocompatible macromer composition can be employed as an adhesive or sealant for medical/surgical uses.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/47173

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C08G 18/00 (2007.01)

USPC - 528/44

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)
USPC: 528/44Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 424/78.27, 423; 525/438 (text search-see search terms below)

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

PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Engineering); Google Scholar

Search Terms Used: biocompatible, isocyanate, polyalkylene oxide, primary amine, adhesive, sealant

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2003/0195293 A1 (LUBNIN et al.) 16 October 2003 (16.10.2003), para [0015]-[0017], [0029]-[0039], [0045], [0052]-[0053], [0065], [0077], [0101], [0111]-[0113], [0131]-[0132], [0297]-[0316]	1-6, 8, 10-11 ----- 7, 9, 12-17
Y	US 2005/0129733 A1 (MILBOCKER et al.) 16 June 2005 (16.06.2005), para [0002], [0013]-[0027], [0035]-[0037], [0066]-[0068], [0077]-[0079], [0086]-[0090], [0110]; claim 57	7, 9, 13-17
Y	US 2004/0023842 A1 (PATHAK et al.) 05 February 2004 (05.02.2004), Table 1; para [0098], [0113]-[0118]	12
A	US 6,458,889 B1 (TROLLAS et al.) 01 October 2002 (01.10.2002), abstract; Table I; col 19, ln 24-39; col 26, ln 21-56	1, 13-17
A	US 2004/0198901 A1 (GRAHAM et al.) 07 October 2004 (07.10.2004), abstract; para [0016]-[0025], [0034]-[0035]	1, 13-17

 Further documents are listed in the continuation of Box C.

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