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MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
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(54) **Title:** BIOCOMPATIBLE IODINATED DIPHENOL MONOMERS AND POLYMERS

(57) **Abstract:** Disclosed are monomeric compounds which may be polymerized to form novel biodegradable and bioresorbable polymers and co-polymers. These polymers and co-polymers, while not limited thereto, may be adapted for radioopacity and are useful for medical device applications and controlled release therapeutic formulations.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB15/59967

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - C08G 63/02, 63/06 (2016.01) CPC - C08G 63/08, 64/12 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(8): C08G 63/02, 63/06 (2016.01) CPC: C08G 63/08, 64/12				
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 practicable, search terms used) PatSeer (US, EP, WO, JP, DE, GB, CN, FR, KR, ES, AU, IN, CA, INPADOC Data); ProQuest; Scifinder; Google/Google Scholar; KEYWORDS: biodegradable, bioresorbable, polymer, copolymer, radio-opaque, lactic, glycolic, macromer, endcap				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 8,476,399 B2 (BOLIKAL, D et al.) 02 July 2013; column 2, lines 4-67; column 3, lines 1-4;	9-11		
--	column 4, lines 15-64; column 5, lines 9-33; column 6, lines 5-41; column 11, lines 48-53;	-----		
Y	column 13, lines 1-20; column 14, lines 5-67; column 18, lines 10-33; column 19, lines 4, 10-15, 22-24; column 30, lines 19-37; claims 1-3	1-8, 12-26, 29-66, 78-87		
Y	US 2006/0024266 A1 (BRANDOM, DK et al.) 02 February 2006; paragraphs [0020]-[0023]	1-8, 12-87		
Y	US 2010/0234555 A1 (BOLIKAL, D et al.) 16 September 2010; paragraphs [0073]-[0076]; claims 30-31, 71-80	17, 27-28, 67-77		
A	US 2006/0034769 A1 (KOHN, JB et al.) 16 February 2006; entire document	1-87		
A	US 2013/0203713 A1 (RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY) 08 August 2013; entire document	1-87		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.				
* Special categories of cited documents: <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent 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 </td> <td style="width: 50%; vertical-align: top;"> "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 </td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent 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
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent 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			
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Name and mailing address of the ISA/ Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-8300		Authorized officer Shane Thomas PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774		