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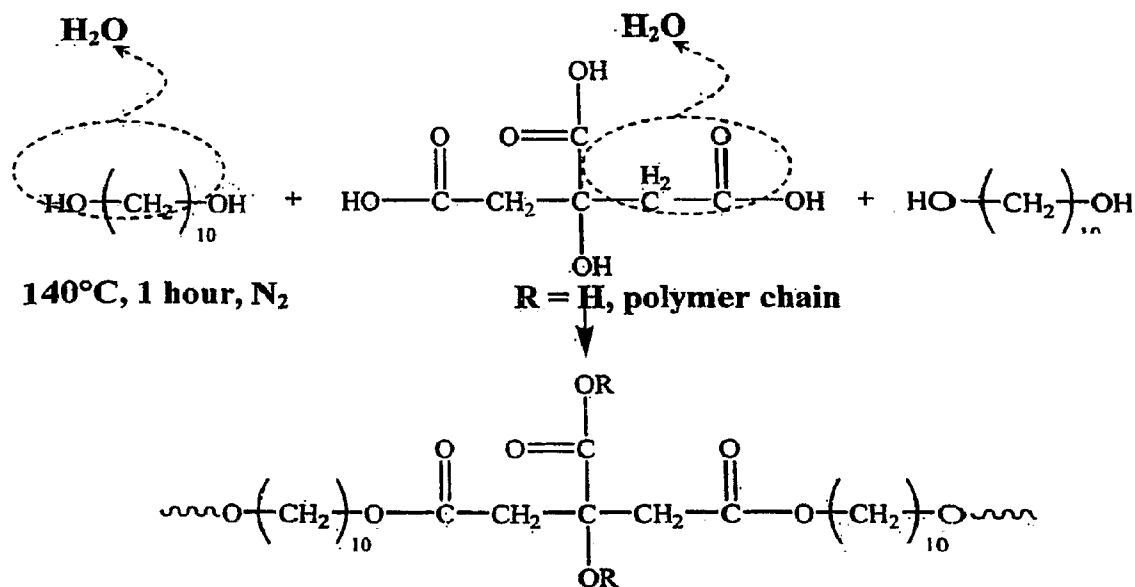
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(54) Title: FUNCTIONALIZING IMPLANTABLE DEVICES WITH A POLY (DIOL-CO-CITRATE) POLYMER



(57) Abstract: The present invention is directed to a novel poly (diol citrates)-based coating for implantable devices. More specifically, the specification describes methods and compositions for making and using implantable devices coated with citric acid copolymers or citric acid polymers impregnated with therapeutic compositions and/or cells.



WO 2007/092583 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/03431

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) - A61F 2/00 (2007.01)
 USPC - 424/423
 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: 424/423

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 All USPC classifications

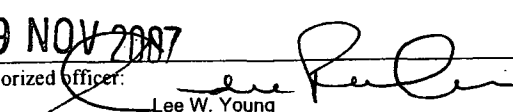
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WEST and Google Scholar: octanediol, decanediol, citric acid, linear diol, implant, device, glass rod, rpm, graft, linear aliphatic dihydroxy monomer, bioactive agent, endothelial cells, smooth muscle cells, ePTFE, blood vessel

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 2005/0063939 A1 (AMEER et al.) 24 March 2005 (24.03.2005), para [0009], [0011], [0013], [0033]-[0037], [0041], [0046], [0060], [0063], [0064], [0066], [0068], [0073], [0074], [0075], [0082].	1-9, 15-20 10-13, 21-28, 29
Y	US 2005/0288481 A1 (DESNOYER et al.) 29 December 2005 (29.12.2005), para [0074], [0079], [0107], [0190], [0201], [0202], [0205], [0209], [0210], [0211], [0215], [0235], [0348], [0377].	10-13, 21-29
Y	US 4,475,972 A (WONG) 9 October 1984 (09.10.1984), col. 3, ln 48-58; col. 4, ln 55-58; col. 5, ln 38-52.	29

Further documents are listed in the continuation of Box C.

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