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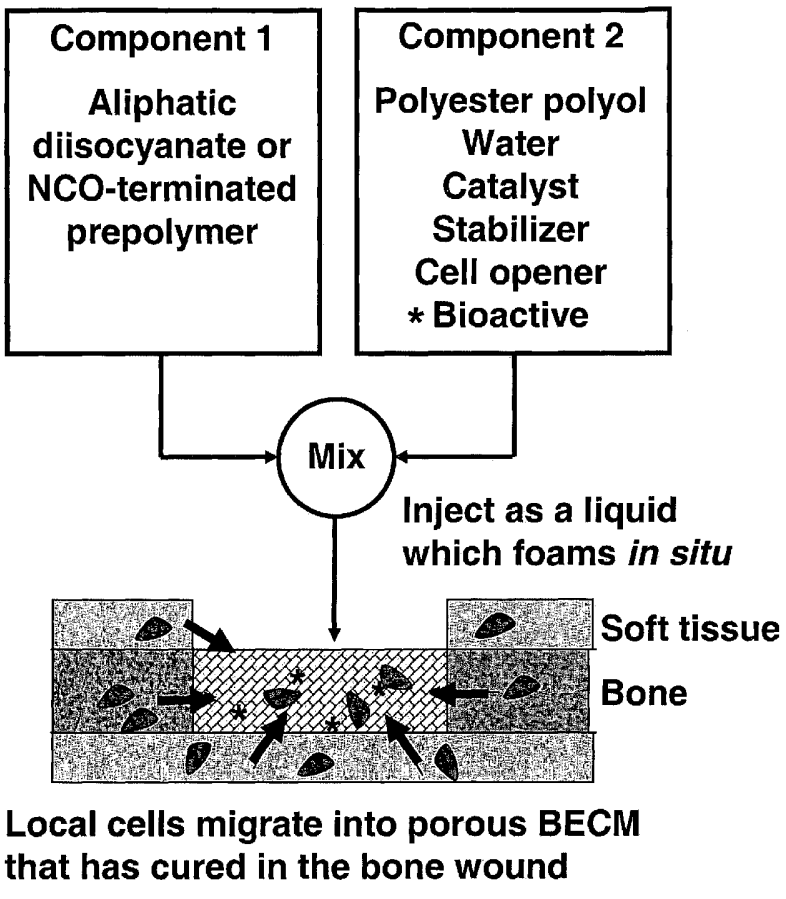
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(54) Title: DEGRADABLE POLYURETHANE FOAMS



(57) Abstract: A method of synthesizing of a biocompatible and biodegradable polyurethane foam includes the steps of: mixing at least one biocompatible polyol, water, at least one stabilizer, and at least one cell opener, to form a resin mix; contacting the resin mix with at least one polyisocyanate to form a reactive liquid mixture; and reacting the reactive liquid mixture form a polyurethane foam. The polyurethane foam is preferably biodegradable within a living organism to biocompatible degradation products. At least one biologically active molecule having at least one active hydrogen can be added to form the resin mix.

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B. FIELDS SEARCHED

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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, COMPENDEX, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 066 681 A (KAPLAN ET AL) 23 May 2000 (2000-05-23) cited in the application column 4, line 48 - column 5, line 57 column 7, lines 52-61 column 8, lines 24-40 column 10, lines 15-32; claims 1-12	1-38, 47-50
X	EP 1 162 222 A (SMITHERS-OASIS COMPANY) 12 December 2001 (2001-12-12) paragraph [0029] - paragraph [0030] examples 1-8 claims 1-10	1-51

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[X] See patent family annex.

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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.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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