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HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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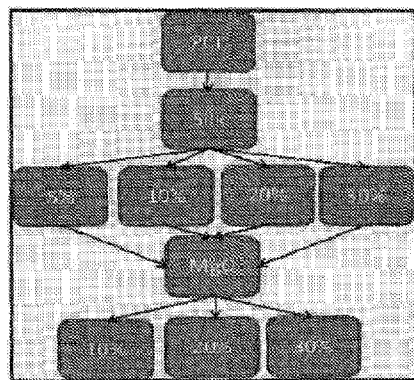


Figure : 1

(57) Abstract: A novel bioresorbable polymer composite for bone soft tissue fixation comprises: i) Silk fibroin→ 5 to 30% ii) a bioresorbable polymer matrix→40 to 90% iii) magnesium oxide or other ceramic fillers→5 to 30%.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61L27/44 A61L27/48 A61L27/36
ADD.

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)
A61L

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)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2013/152265 A1 (TUFTS COLLEGE [US]) 10 October 2013 (2013-10-10) paragraphs [0003], [0008], [0010], [0021], [0022], [0032]; claims 1, 4, 28, 29, 33, 45	1-8
Y	----- DANIEL J. HICKEY ET AL: "Adding MgO nanoparticles to hydroxyapatite-PLLA nanocomposites for improved bone tissue engineering applications", ACTA BIOMATERIALIA, vol. 14, 1 March 2015 (2015-03-01), pages 175-184, XP002774278, AMSTERDAM, NL ISSN: 1742-7061, DOI: 10.1016/j.actbio.2014.12.004 the whole document ----- -/--	1-8



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International application No

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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.
X,P	WO 2016/100721 A1 (UNIV TUFTS [US]) 23 June 2016 (2016-06-23) paragraphs [0006], [0007], [0015], [0090], [0092]; claims 1, 21, 24 -----	1-4
A	WO 2014/066884 A1 (UNIV TUFTS [US]) 1 May 2014 (2014-05-01) the whole document -----	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IN2017/000079

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2013152265 A1	10-10-2013	US 2015165092 A1 WO 2013152265 A1	18-06-2015 10-10-2013
WO 2016100721 A1	23-06-2016	NONE	
WO 2014066884 A1	01-05-2014	US 2015283298 A1 WO 2014066884 A1	08-10-2015 01-05-2014