

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
01 October 2020 (01.10.2020)



(10) International Publication Number
WO 2020/193285 A1

(51) International Patent Classification:

A61L 27/10 (2006.01) A61L 27/42 (2006.01)
A61L 27/12 (2006.01) A61L 27/54 (2006.01)
A61L 27/34 (2006.01) A61L 27/58 (2006.01)
A61L 27/36 (2006.01)

(21) International Application Number:

PCT/EP2020/057281

(22) International Filing Date:

17 March 2020 (17.03.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

19165892.1 28 March 2019 (28.03.2019) EP

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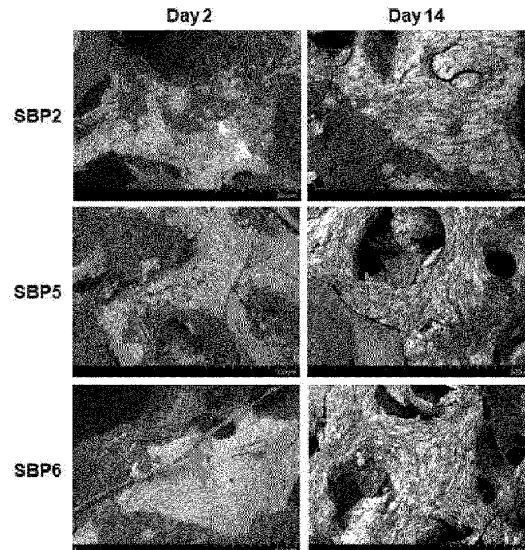
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, 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, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

(54) Title: IMPROVED BONE IMPLANT MATRIX COMPRISING PROLINE-RICH PEPTIDE AND METHOD OF PREPARING THE SAME



(57) Abstract: The present invention deals with a bone implant matrix comprising a base matrix selected from the group comprising: - acellularized or acellularized non-demineralised bone matrix of any source, - matrix of natural mineral sources, - synthetic bioceramics matrix, or combinations of the above, wherein the surface of said base matrix is coated with an statistically homo- geneous composition which is a reinforcing mixture containing at least a bio-degradable polyester or co-polymer thereof, at least a gelatine or hydrolysed gelatine and at least an artificial Proline-Rich Peptide.

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GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- with sequence listing part of description (Rule 5.2(a))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE