



(51) International Patent Classification:

A61L 27/12 (2006.01) A61L 27/32 (2006.01)
A61L 27/22 (2006.01) A61L 27/36 (2006.01)
A61L 27/24 (2006.01)

(21) International Application Number:

PCT/IB2024/000525

(22) International Filing Date:

25 September 2024 (25.09.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

202302931 29 September 2023 (29.09.2023) CL

(71) Applicant: SALMOSS SPA [CL/CL]; Ibsen 6445 #172,
Las Condes, Santiago 7550000 (CL).

(72) Inventor; and

(71) Applicant: MUÑOZ THOMSON, Francisco Hernán
[CL/CL]; Ibsen 6445 #172, Las Condes, Santiago 7550000
(CL).

(74) Agent: GORMAZ REHBEIN, Eugenio et al.; Albagi Za-
liasnik, S.A., Avenida El Golf 150, Piso 4, Las Condes, San-
tiago 7550107 (CL).

(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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, 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, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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,

(54) Title: AQUATIC-DERIVED HYDROXYAPATITE BIOMATERIALS AND RELATED METHODS

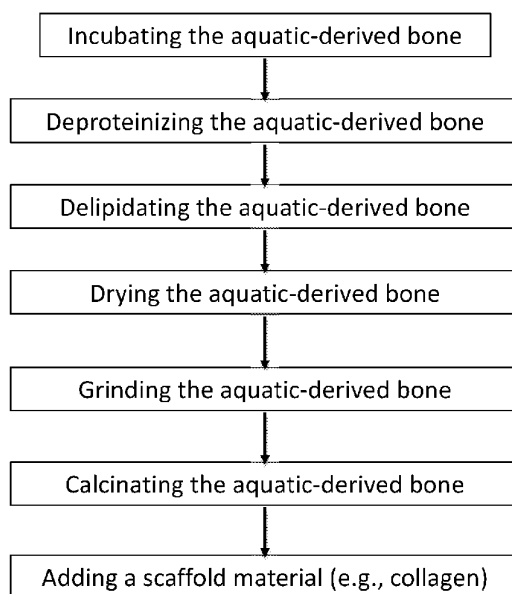


FIG. 1

(57) Abstract: The present invention relates to the obtaining of a non-cytotoxic biomaterial comprising hydroxyapatite obtained from aquatic-derived bone and promoting osteogenesis, which comprises hydroxyapatite obtained, β -tricalcium phosphate, calcium oxide, magnesium oxide, and/or amorphous biomaterial. The invention also generally relates to a composition including said biomaterial, and further comprising collagen, and to the use of said composition for the manufacture of a product useful for promoting osteogenesis.

LU, LV, MC, ME, 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))*