

Title (en)

MATERIAL FOR A BONE IMPLANT AND METHOD FOR PRODUCING THE SAME

Title (de)

MATERIAL FÜR EIN KNOCHENIMPLANTAT UND VERFAHREN ZUM HERSTELLEN EINES SOLCHEN

Title (fr)

MATÉRIAU POUR IMPLANT OSSEUX ET PROCÉDÉ DE FABRICATION D'UN TEL MATÉRIAU

Publication

**EP 3544644 A1 20191002 (DE)**

Application

**EP 17811852 A 20171124**

Priority

- DE 102016014052 A 20161125
- DE 102016122837 A 20161126
- EP 2017025344 W 20171124

Abstract (en)

[origin: WO2018095578A1] The invention relates to a material for a bone implant, comprising (a) a carrier structure having a surface that comprises at least one biocompatible material; (b) a matrix covalently bound to said surface; and (c) calcium phosphate embedded in said matrix. A medically acceptable, highly compatible and versatile material can be provided, if the matrix has at least one polysaccharide (formula (I)).

IPC 8 full level

**A61L 27/32** (2006.01); **A61L 27/34** (2006.01); **A61L 27/46** (2006.01)

CPC (source: EP US)

**A61L 27/32** (2013.01 - EP); **A61L 27/34** (2013.01 - EP); **A61L 27/46** (2013.01 - EP US); **C08B 37/0072** (2013.01 - US); **A61L 2420/02** (2013.01 - EP US); **A61L 2420/04** (2013.01 - EP US); **A61L 2430/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2018095578A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018095578 A1 20180531**; EP 3544644 A1 20191002; US 2020179569 A1 20200611; US 2021338896 A1 20211104

DOCDB simple family (application)

**EP 2017025344 W 20171124**; EP 17811852 A 20171124; US 201716463593 A 20171124; US 202117366111 A 20210702