

Title (en)

BONE IMPLANTS

Title (de)

KNOCHENIMPLANTATE

Title (fr)

IMPLANTS OSSEUX

Publication

EP 3185791 A1 20170705 (FR)

Application

EP 15756357 A 20150803

Priority

- FR 1457539 A 20140801
- EP 2015067861 W 20150803

Abstract (en)

[origin: WO2016016474A1] The present invention relates to an implant, an instrument for implanting same, and a method for manufacturing said implant, wherein said implant comprises a body (10) extending along a longitudinal axis between a free end and a head (18) and turns (12) of at least one thread on at least one portion of said body (10), near the free end, along the longitudinal axis. Said implant is characterized in that the body (10) comprises an longitudinal inner channel (11) along at least one portion along the longitudinal axis, said channel being produced by at least one first central machining, parallel to the longitudinal axis, and at least one second machining in a so-called "transverse" plane that is not parallel to the longitudinal axis and passes through the walls of the body (10) to the inner longitudinal channel (11) while providing windows (15) that are in communication between said inner longitudinal channel (11) and the outside of the body (10).

IPC 8 full level

A61B 17/70 (2006.01); **A61B 17/064** (2006.01); **A61B 17/86** (2006.01)

CPC (source: CN EP US)

A61B 17/0642 (2013.01 - EP US); **A61B 17/7064** (2013.01 - CN EP US); **A61B 17/7098** (2013.01 - CN EP US); **A61B 17/8605** (2013.01 - CN US); **A61B 17/8625** (2013.01 - CN EP US); **A61B 17/864** (2013.01 - CN EP US); **A61B 17/0642** (2013.01 - CN)

Citation (search report)

See references of WO 2016016474A1

Cited by

US10179015B2; US10687877B2; US11717333B2

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 2016016474 A1 20160204; AU 2015295222 A1 20170302; CA 2955131 A1 20160204; CN 106687056 A 20170517;
EP 3185791 A1 20170705; FR 3024351 A1 20160205; FR 3024351 B1 20211119; JP 2017522139 A 20170810; US 10179015 B2 20190115;
US 10687877 B2 20200623; US 11717333 B2 20230808; US 2016100870 A1 20160414; US 2017224393 A1 20170810;
US 2020345400 A1 20201105; US 2023329765 A1 20231019

DOCDB simple family (application)

EP 2015067861 W 20150803; AU 2015295222 A 20150803; CA 2955131 A 20150803; CN 201580051053 A 20150803;
EP 15756357 A 20150803; FR 1457539 A 20140801; JP 2017505463 A 20150803; US 201514815900 A 20150731;
US 201515501166 A 20150803; US 202016881831 A 20200522; US 202318338634 A 20230621