

Title (en)

SURGICAL FASTENERS AND RELATED IMPLANT DEVICES HAVING BIOABSORBABLE COMPONENTS

Title (de)

CHIRURGISCHE BEFESTIGUNGSVORRICHTUNGEN UND VERWANDTE IMPLANTATVORRICHTUNGEN MIT BIOLOGISCH ABSORBIERBAREN KOMPONENTEN

Title (fr)

ATTACHES CHIRURGICALES ET DISPOSITIFS DE GREFFES ASSOCIES A COMPOSANTS BIOABSORBABLES

Publication

EP 1981417 A4 20091118 (EN)

Application

EP 06718192 A 20060113

Priority

US 2006001092 W 20060113

Abstract (en)

[origin: WO2007086832A2] Surgical implants including fasteners and related devices which are partially bioabsorbable. The implants are constructed of a non-bioabsorbable base comprising metals and or high strength plastic materials. The base is partially or completely coated with a bioabsorbable material which can have its own mechanical features, such as the threads on a screw. Attachment elements are provided on the base to enhance the mechanical attachment of the bioabsorbable material to the base. The implants can withstand the torques and stresses encountered during surgery and, following implantation, in the body.

IPC 8 full level

A61B 17/70 (2006.01); **A61F 2/00** (2006.01)

CPC (source: EP)

A61B 17/0401 (2013.01); **A61B 17/0642** (2013.01); **A61B 17/84** (2013.01); **A61B 17/86** (2013.01); **A61B 17/864** (2013.01); **A61B 2017/00004** (2013.01); **A61B 2017/00831** (2013.01); **A61B 2017/0412** (2013.01); **A61B 2017/0414** (2013.01); **A61B 2017/0427** (2013.01); **A61B 2017/0438** (2013.01); **A61B 2017/044** (2013.01); **A61B 2017/0445** (2013.01); **A61B 2017/0458** (2013.01); **A61B 2017/0647** (2013.01); **A61B 2017/0648** (2013.01); **A61F 2002/30064** (2013.01)

Citation (search report)

- [X] WO 2005007212 A2 20050127 - FRIEDRICH BAUR GMBH [DE], et al
- [X] US 2005112397 A1 20050526 - ROLFE JONATHAN L [US], et al
- [XY] US 5571139 A 19961105 - JENKINS JR JOSEPH R [US]
- [Y] US 6030162 A 20000229 - HUEBNER RANDALL J [US]
- [Y] WO 0041636 A1 20000720 - LUITPOLD PHARM INC [US]
- [A] US 6149653 A 20001121 - DESLAURIERS RICHARD J [US]
- See references of WO 2007086832A2

Designated contracting state (EPC)

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