

Title (en)

SPINAL FUSION SYSTEM FOR OSTEOPOROTIC VERTEBRAE

Title (de)

WIRBELSÄULENFUSIONSSYSTEM FÜR OSTEOPOROTISCHER WIRBEL

Title (fr)

SYSTÈME DE FUSION VERTÉBRALE POUR VERTÈBRES OSTÉOPOROTIQUES

Publication

EP 2819646 A4 20150923 (EN)

Application

EP 13743994 A 20130128

Priority

- US 201261594838 P 20120203
- US 2013023425 W 20130128

Abstract (en)

[origin: WO2013116150A1] The invention is a spinal fusion system with fusion rod anchors which do not use staples or screws to achieve securement to a patient's spine. The system relies on a head segment pivotally attached to a base having a channel imparted therein, the channel having an entry and exit opening. The rod anchor is secured with a threadable segment which is threaded through the channel and around an associated vertebra. Multiple rod anchors can be attached to a patient's vertebrae in this manner and a fusion rod is inserted into the multiple rod anchors and locked down inside the rod anchors with a lock nut.

IPC 8 full level

A61B 17/04 (2006.01); **A61B 17/70** (2006.01); **A61B 17/80** (2006.01); **A61B 17/82** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP)

A61B 17/7032 (2013.01); **A61B 17/7041** (2013.01); **A61B 17/7044** (2013.01); **A61B 17/7053** (2013.01); **A61B 17/8085** (2013.01); **A61B 17/809** (2013.01); **A61B 17/82** (2013.01); **A61B 2017/0453** (2013.01); **A61F 2002/30462** (2013.01)

Citation (search report)

- [XY] EP 2279707 A1 20110202 - ZIMMER SPINE [FR]
- [X] EP 1502552 A2 20050202 - SPINEOLOGY GROUP LLC [US]
- [YA] FR 2900561 A1 20071109 - TORNIER SAS [FR]
- [YA] US 2008021454 A1 20080124 - CHAO NAM T [US], et al
- [A] US 2010082067 A1 20100401 - KONDRASHOV DIMITRIY G [US]
- See references of WO 2013116150A1

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

DOCDB simple family (publication)

WO 2013116150 A1 20130808; EP 2819646 A1 20150107; EP 2819646 A4 20150923

DOCDB simple family (application)

US 2013023425 W 20130128; EP 13743994 A 20130128