

Title (en)  
PERCUTANEOUS SPINAL IMPLANTS AND METHODS

Title (de)  
PERKUTANE WIRBELSÄULENIMPLANTATE UND VERFAHREN

Title (fr)  
IMPLANTS VERTEBRAUX PERCUTANES ET METHODES ASSOCIEES

Publication  
**EP 1848351 A4 20120314 (EN)**

Application  
**EP 06735305 A 20060217**

Priority

- US 2006005580 W 20060217
- US 5952605 A 20050217
- US 25287905 A 20051019
- US 25288005 A 20051019
- US 69583605 P 20050701

Abstract (en)  
[origin: WO2006089085A2] An apparatus includes an elongate member having a proximal portion configured to be deformed from a first configuration to a second configuration. The elongate member has a distal portion configured to be deformed from a first configuration to a second configuration. A non-expanding central portion is positioned between the proximal portion and the distal portion. The non-expanding central portion is configured to engage adjacent spinous processes. An apparatus includes a first clamp having a first end and a second end. The second end of the first clamp is configured to engage a first spinous process. A second clamp has a first end and a second end. The second end of the second clamp is configured to engage a second spinous process spaced apart from the first spinous process. A connector is coupled to the first end of the first clamp and the first end of the second clamp.

IPC 8 full level  
**A61B 17/02** (2006.01); **A61B 17/56** (2006.01); **A61B 17/70** (2006.01)

CPC (source: EP KR)  
**A61B 17/025** (2013.01 - EP KR); **A61B 17/70** (2013.01 - KR); **A61B 17/7065** (2013.01 - EP KR); **A61F 2/44** (2013.01 - KR); **A61F 2/442** (2013.01 - KR); **A61B 2017/00557** (2013.01 - EP KR); **A61B 2017/0256** (2013.01 - EP KR)

Citation (search report)

- [XA] WO 2005009300 A1 20050203 - CHOI BYUNG-KWAN [KR]
- [XI] US 2003144737 A1 20030731 - SHERMAN MICHAEL C [US]
- [XA] US 6149652 A 20001121 - ZUCHERMAN JAMES F [US], et al
- See references of WO 2006089085A2

Cited by  
GB2436292B

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006089085 A2 20060824**; **WO 2006089085 A3 20070111**; AU 2006214169 A1 20060824; CA 2597923 A1 20060824; CN 102151169 A 20110817; EP 1848351 A2 20071031; EP 1848351 A4 20120314; IL 185190 A0 20071203; JP 2008529737 A 20080807; JP 4977038 B2 20120718; KR 101119264 B1 20120412; KR 20070112186 A 20071122; KR 20100031774 A 20100324; MX 2007009883 A 20070926

DOCDB simple family (application)  
**US 2006005580 W 20060217**; AU 2006214169 A 20060217; CA 2597923 A 20060217; CN 201110100571 A 20060217; EP 06735305 A 20060217; IL 18519007 A 20070809; JP 2007556308 A 20060217; KR 20077021079 A 20060217; KR 20107003047 A 20060217; MX 2007009883 A 20060217