

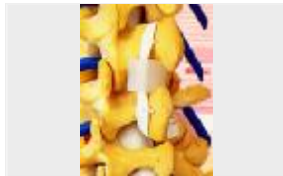
The Business Information System (BIS) allows to assess the past and the present
State of the Art in the Ortho-Spine market:
Market Players - Products - Patents - Literature

Market Segment:

Interspineous Implant

Product: **Vertebrax**

ALLO PRO



Product: **X-Stop**



Product: **ISS Interspineous System**



Product: **SPERM**



Pedicle Screw System

Product: **TSRH 3D**



Product: **CD Horizon**



Product: **WAFE Poly Axial Plate System**



Product: **Protex**



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Market Players - Products - Patents - Literature

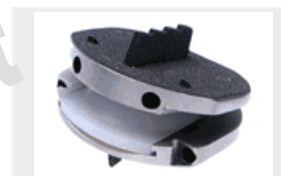
Market Segment:

Disc Replacement

Product: **SB Charité**



Product: **ProDisc L**



Product: **Bryan Disc**



Product: **FlexiCore**



Comments

Further Market Segments:

- Spacer & Cages
- Cervical
- Nucleoplasty
- Osteoporosis (VCF)
- Disc Technologies
- ...

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Market Segment:

Interspineous Implant

US 6'645'559 Applicant: Fixano, Bourg en Bresse
Inventor(s): Samani Jacques

Interspinal Vertebral Implant

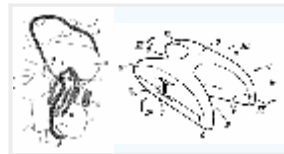


Intl. Patentclassification:
A61F 2/44
US Patentclassification:
623/17

Priority: 22.4.1996

WO 99/42051 Applicant: -
Inventor(s): Taylor J.

Interspineous Prosthesis

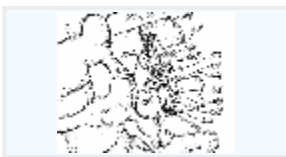


Intl. Patentclassification:
A61B 17/70 17/82 17/84
US Patentclassification:
623/17

Priority: 20.2.1998

US 5'496'318 Applicant: Advanced Spine Fixation Systems, Inc.
Inventor(s): Howland, Salib, Pettine

Interspinous Segmental Spine Fixation Device



Intl. Patentclassification:
A61B 17/70
US Patentclassification:
606/61

Priority: 8. 1997

WO 01/28442 Applicant: Spine Next
Inventor(s): Senegas J

Intervertebral Implant



Intl. Patentclassification:
A61B 17/70
US Patentclassification:
.

Priority: 15.10.1999

Fixateur Intern

US 4'604'995 Applicant: -
Inventor(s): Stephens, Morgan

Spinal Stabilizer



Intl. Patentclassification:
A61F 5/04
US Patentclassification:
128/69, 92

Priority: 30.3.1994

US 6'063'089 Applicant: Spinal Concepts
Inventor(s): Errico, Errico, Ralph

Side Mounted Polyaxial Pedicle Screw

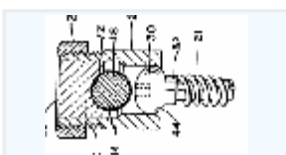


Intl. Patentclassification:
A61B 17/70
US Patentclassification:
606/61, ..

Priority: 23.12.1996

US 5'360'431 Applicant: Cross Medical Products
Inventor(s): Puno, Mellinger

Title



Intl. Patentclassification:
A61F 5/00
US Patentclassification:
606/72, ...

Priority: 26.4.1990

WO 2005/018490 Applicant: Medtronic Vertelink
Inventor(s): Shaolin, Ngyen, Pham, Teitelbaum

Articulating Spinal Fixation Rod and System



Intl. Patentclassification:
A61F
US Patentclassification:
.

Priority: 15.8.2003

The Business Information System (BIS) allows to assess the past and the present
State of the Art in the Ortho-Spine market:
Market Players - Products - **Patents** - Literature

Market Segment:

Disc Replacement

CH 624'573 Applicant: Gebrüder Sulzer
Inventor(s): Weber

Zwischenwirbel-Prothese

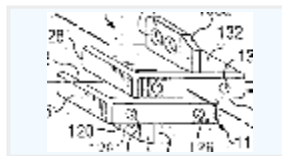


Intl. Patentclassification:
A61F 1/03
US Patentclassification:
-

Priority: 1.2.1978

US 2004/0220670 Applicant: SDGI
Inventor(s): Eisermann, Ray, Matthews, Friesem, Le Huec

Articular Disc Prosthesis and Method for Treating Spondylolisthesis

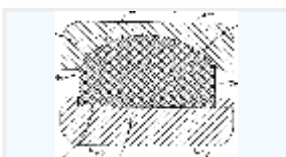


Intl. Patentclassification:
A61F 2/44
US Patentclassification:
623/17.14 ...

Priority: 12.2.2003

US 2005/0033437 Applicant: Pioneer Laboratories, Inc.
Inventor(s): Bao, Trudeau, Janowski, Songer, Yuan, Kilpela, Berrevoets

Artificial Disc Device

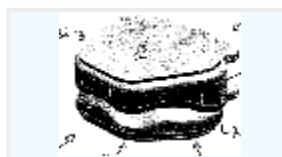


Intl. Patentclassification:
A61F 2/44
US Patentclassification:
623/17.15, 16

Priority: 23.5.2002

US 2006/0004453 Applicant: Depuy Spine
Inventor(s): Bartish, Brousseau, Fatyol, McCre

Ceramic Disc Prosthesis



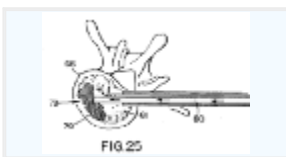
Intl. Patentclassification:
A61F 2/44
US Patentclassification:
623/17.15, 908

Priority: 30.6.2004

Osteoporosis (VCF)

US 4'969888 Applicant: Kyphon
Inventor(s): Scholton, Reiley

Surgical Protocol for Fixation of Osteoporotic Bone using Inflatable Device



Intl. Patentclassification:
A61B 17/56
US Patentclassification:
606/94,...

Priority: 9.2.1989

WO 02/43628 Applicant: -
Inventor(s): Sabitzer, Fuss

Method and Device for Expanding a Body Cavity

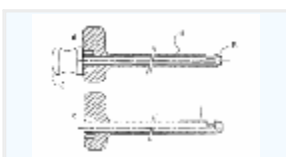


Intl. Patentclassification:
A61F 2/46 2/44
US Patentclassification:
-

Priority: 1.12.2000

WO 02/02033 Applicant: Augmentation-Technology
Inventor(s): Jäggi, Heini

Device for injecting Cement

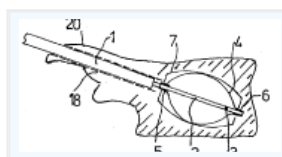


Intl. Patentclassification:
A61B 17/56
US Patentclassification:
-

Priority: 30.6.2000

DE 10154163 Applicant: Advanced Medical Technologies
Inventor(s): Förderer

Vorrichtung zum Aufrichten und Stabilisieren der Wirbelsäule



Intl. Patentclassification:
A61B 17/70, ...
US Patentclassification:
-

Priority: 3.11.2001