

Title (en)
INTERVERTEBRAL DISC IMPLANT

Title (de)
BANDSCHEIBENIMPLANTAT

Title (fr)
IMPLANT DE DISQUE INTERVERTEBRAL

Publication
EP 1699388 A1 20060913 (DE)

Application
EP 04803009 A 20041231

Priority
• DE 2004002839 W 20041231
• DE 10361772 A 20031231
• US 53434404 P 20040106

Abstract (en)
[origin: WO2005063150A1] The invention relates to intervertebral disc implants that imitate the natural freedom of movement and facilitate translational and/or rotational displacements of the intervertebral disc in relation to the base plate, independently of the possible displacements of the base plate in relation to the intervertebral disc. To achieve said displacements, the intervertebral disc is mounted on the base plate by means of fixing elements located in the interior of the implant, in such a way that translational and/or rotational displacements can take place. In addition, the bearing surface between the top plate and the intervertebral disc is spherical, thus maximising the contact surface.

IPC 8 full level
A61F 2/44 (2006.01); **A61F 2/00** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP US)
A61F 2/4425 (2013.01 - EP US); **A61F 2002/30365** (2013.01 - EP US); **A61F 2002/30369** (2013.01 - EP US);
A61F 2002/30662 (2013.01 - EP US); **A61F 2002/443** (2013.01 - EP US); **A61F 2220/0033** (2013.01 - EP US);
A61F 2310/00023 (2013.01 - EP US); **A61F 2310/0088** (2013.01 - EP US)

Citation (search report)
See references of WO 2005063150A1

Cited by
WO2010060423A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005063150 A1 20050714; DE 10361772 A1 20050728; DE 10361772 B4 20061012; DE 112004002775 D2 20061109;
EP 1699388 A1 20060913; JP 2007516752 A 20070628; US 2007162137 A1 20070712

DOCDB simple family (application)
DE 2004002839 W 20041231; DE 10361772 A 20031231; DE 112004002775 T 20041231; EP 04803009 A 20041231;
JP 2006545918 A 20041231; US 58523704 A 20041231