

Title (en)
DISC PROSTHESIS FOR CERVICAL VERTEBRAE WITH CONTROLLED DISPLACEMENT

Title (de)
BANDSCHEIBENPROTHESE FÜR DIE HALSWIRBEL MIT KONTROLLIERTER VERSCHIEBUNG

Title (fr)
PROTHESE DISCALE POUR VERTEBRES CERVICALES A DEBATTEMENT CONTROLE

Publication
EP 1635745 A1 20060322 (FR)

Application
EP 04767462 A 20040625

Priority
• FR 2004001614 W 20040625
• FR 0307726 A 20030626

Abstract (en)
[origin: US2004267364A1] The purpose of the invention involves a disk prosthesis comprising: a first (2) and a second plate (3) to be fixed on neighbouring cervical vertebrae, and means of articulation (7) inserted between the two plates placed in a superimposed position, comprising: means authorising flexion-extension movements in the sagittal plane (S) according to a limited angular clearance, means authorising lateral inflexion movements in a plane perpendicular to the sagittal plane (S) according to a limited angular clearance, means authorising relative rotation movements between the first (2) and second (3) plates according to a limited angular clearance, means of assembly (17) with the first (2) and second (3) plates so as to form a prosthesis consisting of a single piece.

IPC 1-7
A61F 2/44

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 2002/30331** (2013.01 - EP US); **A61F 2002/30393** (2013.01 - EP US);
A61F 2002/30649 (2013.01 - EP US); **A61F 2002/30904** (2013.01 - EP US); **A61F 2220/0025** (2013.01 - EP US);
A61F 2220/0033 (2013.01 - EP US); **A61F 2310/00011** (2013.01 - EP US); **A61F 2310/00179** (2013.01 - EP US)

Citation (search report)
See references of WO 2005000170A1

Citation (examination)
WO 2004028415 A1 20040408 - SPINECORE INC [US]

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

DOCDB simple family (publication)
FR 2856587 A1 20041231; **FR 2856587 B1 20060224**; BR PI0411768 A 20060808; BR PI0411768 B1 20160426; EP 1635745 A1 20060322;
JP 2007515978 A 20070621; JP 4685771 B2 20110518; US 2004267364 A1 20041230; US 7060099 B2 20060613;
WO 2005000170 A1 20050106

DOCDB simple family (application)
FR 0307726 A 20030626; BR PI0411768 A 20040625; EP 04767462 A 20040625; FR 2004001614 W 20040625; JP 2006516325 A 20040625;
US 67316503 A 20030930