

Title (en)
DEVICE FOR IMPLANTING IN A HUMAN OR ANIMAL VERTEBRAL COLUMN

Title (de)
VORRICHTUNG ZUR IMPLANTATION IN EINE MENSCHLICHE ODER TIERISCHE WIRBELSÄULE

Title (fr)
DISPOSITIF DESTINE A ETRE IMPLANTE DANS UNE COLONNE VERTEBRALE HUMAINE OU ANIMALE

Publication
EP 1624831 A1 20060215 (DE)

Application
EP 04738530 A 20040519

Priority
• DE 2004001060 W 20040519
• DE 20307876 U 20030519

Abstract (en)
[origin: WO2004103225A1] The invention relates to a device for implanting in a human or animal vertebral column, said device comprising a base carrier (10) that can be fixed to a first vertebral body, an upper carrier (14) that can be fixed to a second vertebral body, and a spacer element fixed between the base carrier and the upper carrier. The base carrier (10) and/or the upper carrier (14) are provided with a cavity (18, 24) comprising undercuts, for receiving the spacer element in a positively locked manner. The aim of the invention is to economically create one such device that ensures complete freedom of movement of the vertebral column. To this end, the spacer element is embodied as metallic bellows (12).

IPC 1-7
A61F 2/44

IPC 8 full level
A61F 2/44 (2006.01); **A61B 17/86** (2006.01); **A61F 2/00** (2006.01); **A61F 2/02** (2006.01); **A61F 2/30** (2006.01)

CPC (source: EP US)
A61F 2/44 (2013.01 - EP US); **A61F 2/442** (2013.01 - EP US); **A61B 17/86** (2013.01 - EP US); **A61F 2002/30062** (2013.01 - EP US); **A61F 2002/30387** (2013.01 - EP US); **A61F 2002/30426** (2013.01 - EP US); **A61F 2002/30565** (2013.01 - EP US); **A61F 2002/30604** (2013.01 - EP US); **A61F 2002/30616** (2013.01 - EP US); **A61F 2002/30785** (2013.01 - EP US); **A61F 2002/30841** (2013.01 - EP US); **A61F 2002/30884** (2013.01 - EP US); **A61F 2210/0004** (2013.01 - EP US); **A61F 2220/0025** (2013.01 - EP US)

Citation (search report)
See references of WO 2004103225A1

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)
DE 20307876 U1 20040923; DE 112004001375 D2 20060406; EP 1624831 A1 20060215; US 2010292794 A1 20101118; WO 2004103225 A1 20041202

DOCDB simple family (application)
DE 20307876 U 20030519; DE 112004001375 T 20040519; DE 2004001060 W 20040519; EP 04738530 A 20040519; US 55738804 A 20040519