

Title (en)

DEVICE FOR DYNAMIC TENSIONING OF A NATURAL OR PROSTHETIC KNEE JOINT

Title (de)

VORRICHTUNG FÜR DIE DYNAMISCHE SPANNUNG EINES NATÜRLICHEN ODER PROTHETISCHEN KNIEGELENKS

Title (fr)

DISPOSITIF DE MISE SOUS TENSION DYNAMIQUE D UNE ARTICULATION NATURELLE OU PROTHETIQUE DE GENOU

Publication

EP 1651152 A2 20060503 (FR)

Application

EP 04767820 A 20040729

Priority

- FR 2004002046 W 20040729
- FR 0309655 A 20030805

Abstract (en)

[origin: FR2858547A1] The device has femoral and tibial inserts (8A, 10A) with condylar and tibial plate support surfaces (20A, 24A) for a femoral or tibial implant. A unit (30A) applies predetermined intensity distraction force, between the inserts even if the kneecap is in place or not. A maintaining unit maintains tensioning of the knee during rotation of the knee joint for different rotation angles.

IPC 1-7

A61F 2/46

IPC 8 full level

A61B 17/02 (2006.01); **A61F 2/46** (2006.01)

CPC (source: EP US)

A61B 17/025 (2013.01 - EP US); **A61B 2017/0268** (2013.01 - EP US); **A61F 2002/4658** (2013.01 - EP US)

Citation (search report)

See references of WO 2005018509A2

Citation (examination)

US 5669914 A 19970923 - ECKHOFF DONALD G [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 2858547 A1 20050211; **FR 2858547 B1 20051104**; AU 2004266089 A1 20050303; AU 2004266089 B2 20091029; EP 1651152 A2 20060503; JP 2007501039 A 20070125; US 2006241640 A1 20061026; WO 2005018509 A2 20050303; WO 2005018509 A3 20050506

DOCDB simple family (application)

FR 0309655 A 20030805; AU 2004266089 A 20040729; EP 04767820 A 20040729; FR 2004002046 W 20040729; JP 2006522369 A 20040729; US 56657706 A 20060531