

Title (en)

SYSTEM FOR THE MINIMALLY INVASIVE TREATMENT OF A BONE FRACTURE, ESPECIALLY OF A PROXIMAL HUMERAL OR FEMORAL FRACTURE

Title (de)

SYSTEM ZUR MINIMALINVASIVEN VERSORGUNG EINER FRAKTUR EINES KNOCHENS, INSBESONDERE EINER PROXIMALEN HUMERUS- ODER FEMURFRAKTUR

Title (fr)

SYSTEME POUR LE TRAITEMENT A EFFRACTION MINIMALE D'UNE FRACTURE D'UN OS, NOTAMMENT D'UNE FRACTURE PROXIMALE DE L'HUMERUS OU DU FEMUR

Publication

**EP 1675516 A1 20060705 (DE)**

Application

**EP 04817195 A 20041015**

Priority

- DE 2004002312 W 20041015
- DE 10348932 A 20031018

Abstract (en)

[origin: WO2005037117A1] The invention relates to a system for the minimally invasive treatment of a bone (3) fracture, especially of a proximal humeral or femoral fracture. The inventive system comprises an osteosynthesis plate (1) having a supporting section (12) in the cortical substance and an additional fastening section (5) on the bone (3). A second linking section (20) of the guide element (4) and the shaft (18) of the fixing element (20) are configured as an axially displaceable anti-tilt slide bearing. The system comprises at least one anti-twist screw (28) in the supporting section (12) as a means for preventing the detached bone fragment from rotation.

IPC 1-7

**A61B 17/74**

IPC 8 full level

**A61B 17/74** (2006.01); **A61B 17/17** (2006.01); **A61B 17/80** (2006.01); **A61B 17/86** (2006.01)

CPC (source: EP US)

**A61B 17/746** (2013.01 - EP US); **A61B 17/1742** (2013.01 - EP US); **A61B 17/1778** (2016.10 - EP US); **A61B 17/8052** (2013.01 - EP US); **A61B 17/8061** (2013.01 - EP US); **A61B 17/8685** (2013.01 - EP US); **Y10S 606/902** (2013.01 - EP US); **Y10S 606/903** (2013.01 - EP US); **Y10S 606/904** (2013.01 - EP US); **Y10S 606/905** (2013.01 - EP US); **Y10S 606/906** (2013.01 - EP US)

Citation (search report)

See references of WO 2005037117A1

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)

**WO 2005037117 A1 20050428**; **WO 2005037117 B1 20050630**; DE 10348932 A1 20050525; DE 10348932 B4 20060119; EP 1675516 A1 20060705; US 2007225714 A1 20070927; US 7927333 B2 20110419

DOCDB simple family (application)

**DE 2004002312 W 20041015**; DE 10348932 A 20031018; EP 04817195 A 20041015; US 57635104 A 20041015