

Title (en)

VARIABLE ANGLE LOCKED BONE PLATE

Title (de)

IN EINEM VARIABLEN WINKEL ARRETIERTE KNOCHENPLATTE

Title (fr)

LAME OSSEUSE VERROUILLÉE À ANGLE VARIABLE

Publication

EP 2207491 A1 20100721 (EN)

Application

EP 08844195 A 20081030

Priority

- US 2008081739 W 20081030
- US 8428108 P 20080729

Abstract (en)

[origin: CN101842057A] A plate for fixation to a target portion of bone to be treated, comprises a first fixation element receiving opening extending therethrough from a proximal surface to a distal surface, the first fixation element receiving opening including a plurality of columns distributed about a circumference thereof and a plurality of radially expanded sections separating adjacent ones of the columns from one another in combination with a plurality of projections formed on the columns, the projections extending from surfaces of the columns, shapes of the surfaces of the columns on which the projections are formed being selected so that, when engaged by a head of a bone fixation element, the projections engage a thread of a head of the bone fixation element to lock the bone fixation element in the first fixation element receiving opening at any user selected angle within a permitted range of angulation.

IPC 8 full level

A61B 17/80 (2006.01)

CPC (source: KR)

A61B 17/8057 (2013.01); **A61B 17/8605** (2013.01)

Citation (search report)

See references of WO 2009058969A1

Cited by

GB2486299A; GB2486299B; US9867643B2; US8518090B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

BR PI0818869 A 20081030; CN 200880114463 A 20081030; EP 08844195 A 20081030; JP 2010531334 A 20081030; KR 20107009701 A 20081030