

Title (en)  
EXTERNAL BONE FIXATOR SYSTEM

Title (de)  
EXTERNES KNOCHENFIXIERSYSTEM

Title (fr)  
SYSTÈME FIXATEUR D'OS EXTERNE

Publication  
**EP 2645947 A1 20131009 (EN)**

Application  
**EP 11799385 A 20111201**

Priority  
• US 41897010 P 20101202  
• EP 2011071542 W 20111201

Abstract (en)  
[origin: WO2012072756A1] An external bone fixator device is provided for the treatment of a bone fracture in a patient body, in particular for the treatment of a multi-fragmentary fracture of the proximal humerus which is effective and minimally invasive for the patient. The device comprises a support structure configured for being arranged outside of said patient body, a group of fixing elements connected to said support structure and configured for being stuck in fracture fragments of the bone for keeping said fragments in a relative fixed relationship to each other, and one or more anchoring elements connected to said support structure and configured for being stuck in said bone for anchoring said external bone fixator device thereto; the fixing elements of said group extend along respective longitudinal axes which are transversely arranged to one other. In a version, two or more fixing elements lie in a plurality of mutually transversal planes thus defining a multiplanar stability system. Methods for the treatment of bone fractures are also proposed.

IPC 8 full level  
**A61B 17/64** (2006.01)

CPC (source: EP)  
**A61B 17/64** (2013.01); **A61B 17/6416** (2013.01); **A61B 17/645** (2013.01); **A61B 17/6458** (2013.01)

Citation (search report)  
See references of WO 2012072756A1

Citation (examination)  
US 4308863 A 19820105 - FISCHER DAVID A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012072756 A1 20120607**; EP 2645947 A1 20131009

DOCDB simple family (application)  
**EP 2011071542 W 20111201**; EP 11799385 A 20111201