

Title (en)

DEVICE FOR THE CONNECTION BETWEEN A SHAFT AND A SCREW HEAD WITH SPHERICAL SYMMETRY

Title (de)

VERBUNDUNGSVORRICHTUNG ZWISCHEN EINEM STAB UND EINEM KUGELFÖRMIGEN SCHRAUBENKOPF

Title (fr)

DISPOSITIF DE LIAISON ENTRE UNE TIGE ET UNE TETE DE VIS DE SYMETRIE SPHERIQUE

Publication

EP 1478292 A1 20041124 (FR)

Application

EP 03720638 A 20030224

Priority

- FR 0300589 W 20030224
- FR 0202336 A 20020225

Abstract (en)

[origin: WO03071963A1] The invention relates to a sequential connector device for the connection of a shaft and a spherically symmetrical screw head. The device comprises a first longitudinal piece (14) and a second longitudinal piece (16) which co-operate together. The first end (20) has an upper piece (24) and a lower piece (26) bent away from said upper piece (24). The lower piece (26) has lower support points (32, 36, 38, 40) on which said screw head (18) may rest. The upper piece (24) has adjustable support means (44, 46, 48) arranged to face the lower piece (26) and with a separation around the head of the screw (18). The adjustable support means (44, 46, 48) and the lower support points (32, 36, 38, 40) define a polyhedron within which the centre (C) of said screw head (18) is located.

IPC 1-7

A61B 17/70

IPC 8 full level

A61B 17/58 (2006.01); **A61B 17/70** (2006.01)

CPC (source: EP KR US)

A61B 17/68 (2013.01 - KR); **A61B 17/70** (2013.01 - KR); **A61B 17/7035** (2013.01 - EP US); **A61B 17/7041** (2013.01 - EP US)

Citation (search report)

See references of WO 03071963A1

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 PT SE SI SK TR

DOCDB simple family (publication)

WO 03071963 A1 20030904; AU 2003224217 A1 20030909; EP 1478292 A1 20041124; FR 2836368 A1 20030829; FR 2836368 B1 20050114; JP 2005518241 A 20050623; KR 20040088533 A 20041016; US 2005131404 A1 20050616; ZA 200406354 B 20050913

DOCDB simple family (application)

FR 0300589 W 20030224; AU 2003224217 A 20030224; EP 03720638 A 20030224; FR 0202336 A 20020225; JP 2003570711 A 20030224; KR 20047013201 A 20030224; US 50440904 A 20040811; ZA 200406354 A 20040811