

Title (en)

Hinge for connecting two elements of a patient support surface

Title (de)

Gelenkanordnung zur Verbindung zweier Segmente einer Patientenlagerfläche

Title (fr)

Charnière pour connecter deux éléments d'une surface de support d'un patient

Publication

EP 1785125 A2 20070516 (DE)

Application

EP 06123592 A 20061107

Priority

DE 102005054175 A 20051114

Abstract (en)

The arrangement has two hinge parts (36, 38), where each of the hinge parts is strongly connected with a segment of a patient bearing surface. The hinge parts are pivotable against each other by a shaft extension (46) around a common hinge axis (64). The hinge parts are supported at one of the surfaces that are axially turned to each other, and are axially stretchable to each other by a blocking mechanism, where the surfaces are provided at an attachment of blocking surfaces (60). The blocking surfaces lie in a plane including the hinge axis.

Abstract (de)

Es wird eine Gelenkanordnung zur gelenkigen Verbindung zweier Segmente einer Patientenlagerfläche mit zwei Gelenkteilen (36, 38) beschrieben, deren jedes mit einem der Segmente starr verbunden ist und die mittels eines Wellenzapfens (46) um eine gemeinsame Gelenkachse (64) gegeneinander verschwenkbar sind, wobei die Gelenkteile (36, 38) an jeweils mindestens einer ihrer axial einander zugewandten Flächen zur Anlage aneinander bestimmte Sperrflächen (60) tragen und mittels eines Spannmechanismus (46, 54, 50) axial gegeneinander spannbar sind und wobei die Sperrflächen (60) jeweils zumindest annähernd in einer die Gelenkachse (64) enthaltenen Ebene liegen.

IPC 8 full level

A61G 13/12 (2006.01); **A61G 13/10** (2006.01); **A61G 13/08** (2006.01)

CPC (source: EP KR US)

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Citation (applicant)

US 3328079 A 19670627 - ERNEST BYCZKOWSKI, et al

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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