

Title (en)
ARTICULATED FITTING FOR A HEAD PART FRAME OF A FOLDABLE MATTRESS FRAME

Title (de)
GELENKBESCHLAG EINES KOPFTEILRAHMENS EINES FALTBAREN MATRATZENRAHMENS

Title (fr)
FERRURE D'ARTICULATION D'UN CADRE DE TETIERE DE CADRE DE COUCHETTE PLIABLE

Publication
EP 1725142 A2 20061129 (DE)

Application
EP 05715906 A 20050310

Priority
• EP 2005002526 W 20050310
• DE 102004012421 A 20040313
• DE 102004041451 A 20040827

Abstract (en)
[origin: WO2005087050A2] An articulated fitting which is arranged symmetrically on two sides of a head part frame (4) and a foldable lying frame (3) which are maintained on a base frame (1) with several four-bar mechanisms (2A-2B-2C-1; 2D-2B-34A-36) which are connected by means of a folding rod assembly (22) and wherein a locking iron (10) is connected to a guide element (34) and guided in a slider and a locking pin (9) of the head part frame (4) engages therein and locks in a flat lying position, optionally in an inclined relaxed position or a steep sitting position, wherein a release lever (17) provided with locking lobes (18,19) extends between the four-bar mechanism and a locking journal (12) on the locking iron (10) in a spring-loaded non-positive fit or a locking lever with locking lobes extends between the four-bar mechanism and a locking iron member is guided in a spring-loaded non-positive fit with a guide pin in a guide track in an unlocking lever which is coupled to the locking iron (10).

IPC 8 full level
A47C 17/16 (2006.01); **A47C 17/175** (2006.01); **A47C 20/14** (2006.01)

CPC (source: EP US)
A47C 17/1756 (2013.01 - EP US)

Citation (search report)
See references of WO 2005087050A2

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
WO 2005087050 A2 20050922; WO 2005087050 A3 20051201; DE 102004012421 B3 20050915; DE 102004041451 A1 20060302; EP 1725142 A2 20061129; RU 2006136144 A 20080420; US 2007277311 A1 20071206

DOCDB simple family (application)
EP 2005002526 W 20050310; DE 102004012421 A 20040313; DE 102004041451 A 20040827; EP 05715906 A 20050310; RU 2006136144 A 20050310; US 59264205 A 20050310