

Title (en)

SOFA-BED WITH INNOVATIVE ELEMENTS FOR ASSEMBLY AND POSITION ADJUSTMENT

Title (de)

SOFABETT MIT INNOVATIVEN ELEMENTEN FÜR ZUSAMMENBAU UND POSITIONSVÉRSTELLUNG

Title (fr)

CANAPE-LIT A ELEMENTS INNOVANTS POUR L'ASSEMBLAGE ET LE REGLAGE DE POSITION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005087052A1] Sofa bed with innovative innovative position adjustment mechanism and a fast assembly process, comprising padding elements, a base structure (1) a plurality of mutually hinged frames (2) supported by said base structure and supporting said padding elements, and a kinematic mechanism (3) to change the frames positions; moreover, the base structure comprises two identical elements, named "small legs" (4), a spacer (5), and is characterised by a "hinge" plate (6) consisting of two flat surfaces, fixed on the small leg (4), which consists of two flat surfaces with an almost rectangular hole (7); said hole is tapered on one side (8) to lodge the spacer (5). This assembly procedure removes the clearance in the coupling between the hinge (6) and the spacer (5) and obtains a perfect perpendicularity between the spacer and the "small leg" (4). According to a subsequent aim the base structure assembly is realised by only two bolts.

IPC 8 full level

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