

Title (en)

Method for adjusting a sitting or lying element

Title (de)

Verfahren zur Einstellung eines Liege- oder Sitzelementes

Title (fr)

Procédé de réglage d'un élément de couchage ou de siège

Publication

EP 0972472 A1 20000119 (DE)

Application

EP 98113310 A 19980716

Priority

- EP 98113310 A 19980716
- US 57393500 A 20000518

Abstract (en)

Transversally positioned, slightly elastic straps (2) are fixed with one of their ends to one of the long sides (1) of a rectangular frame. The opposite ends are guided around a bar (5), positioned along the inside of the frame (1) and joined to short sticks (3), which can be pushed towards the center of the frame (1) by the tip of a screw (4), which is rotated in order to put a certain tension on the strap (2). Each of the straps (2) can be individually adjusted either according to the feedback of the person occupying the bed, or by the use of sensors (8).

IPC 1-7

A47C 31/12; **A47C 23/28**

IPC 8 full level

A47C 23/28 (2006.01); **A47C 31/04** (2006.01); **A47C 31/12** (2006.01)

CPC (source: EP US)

A47C 23/28 (2013.01 - EP US); **A47C 31/04** (2013.01 - EP US); **A47C 31/123** (2013.01 - EP US); **A47C 31/126** (2013.01 - EP US)

Citation (applicant)

- EP 0270582 A1 19880615 - HUEMER HERMANN
- US 2788531 A 19570416 - DYE EDWARD R, et al

Citation (search report)

- [DY] WO 8707125 A1 19871203 - HUEMER HERMANN [AT]
- [Y] US 5148706 A 19920922 - MASUDA TERUO [JP], et al
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- [A] EP 0111898 A1 19840627 - LIEBERKNECHT A
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- [A] EP 0489310 A1 19920610 - AMERICA BIOMECHANICS CORP [US]
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Designated contracting state (EPC)

AT BE CH DE ES FR GB LI NL

DOCDB simple family (publication)

EP 0972472 A1 20000119; **EP 0972472 B1 20010314**; AT E199634 T1 20010315; DE 59800535 D1 20010419; ES 2157628 T3 20010816; US 6311570 B1 20011106

DOCDB simple family (application)

EP 98113310 A 19980716; AT 98113310 T 19980716; DE 59800535 T 19980716; ES 98113310 T 19980716; US 57393500 A 20000518