

Title (en)

Mechanism for moving vertically and tilting longitudinally the frame supporting the mattress of a bed

Title (de)

Verstellmechanismus für die Höhe und Neigung einer Matratzenstütze für ein Bett

Title (fr)

Mécanisme pour le réglage en hauteur et en inclinaison d'un support de matelas pour un lit

Publication

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Application

EP 96203684 A 19961223

Priority

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Abstract (en)

Mechanism for moving vertically and tilting longitudinally the frame supporting the mattress of a bed consisting of a lower frame (1) and an upper frame (2) whose side members (11, 21) are connected by two pairs of identical struts (3, 5 and 4, 6) hinged centrally to each other with their inner ends hinged to the centre of these (11, 21) while their outer ends are engaged slidingly in a guided manner in the outer ends. The upper frame (2) can thus be moved vertically, with the weight that presses down on it being balanced by suitable springs (7), and can be tilted longitudinally, with the outer portions (3b and 4b) of the struts (3 and 4) engaged in the side members (21) being so arranged that they can rotate about the central hinge point of their respective pair (3, 5 and 4, 6); means of locking the upper frame in the desired positions being provided. <IMAGE>

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Citation (search report)

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