

Title (en)
A bed with an articulated mattress support

Title (de)
Bett mit gegliederte Untermatratze

Title (fr)
Lit avec sommier articulé

Publication
EP 1016360 A1 20000705 (FR)

Application
EP 99403248 A 19991222

Priority
FR 9816721 A 19981231

Abstract (en)
The bed consists of a rigid frame (10) and an articulated mattress base (4) with head (5) and middle (6) sections able to pivot relative to the frame on a fixed member (8), and the foot section (7) hinged to the end of the middle section. The frame is equipped with one mechanism to raise and lower the head section and a second to tilt the middle and foot sections. The second mechanism has a lever (42) pivoted to the frame and acting on the foot section via a slideway (45) and a telescopic arm (51) located between the frame and the end of the foot section, allowing the foot section to be inclined downwards below the horizontal plane of the bed.

Abstract (fr)
L'invention concerne un lit (1) ayant un sommier articulé (4), dont la partie tête (5) et la partie médiane (6) sont montées à rotation sur le cadre (10) aux extrémités d'une partie fixe (8), et dont la partie pied (7) est articulée à l'extrémité de la partie médiane (6). Un mécanisme (40) permet d'incliner la partie médiane (6) et la partie pied (7). Ce mécanisme comporte un levier (42) pivotant sur le cadre (10) et agissant sur la partie pied (7) au moyen d'une coulisse, et un bras télescopique (51) interposé entre le cadre (10) et la zone d'extrémité de la partie pied (7). <IMAGE>

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A47C 20/04; **A47C 20/08**

IPC 8 full level
A47C 20/04 (2006.01); **A47C 20/08** (2006.01)

CPC (source: EP)
A47C 20/041 (2013.01); **A47C 20/08** (2013.01)

Citation (search report)
• [YA] US 4821351 A 19890418 - BERGENWALL HENNING [SE]
• [YA] DE 19542321 A1 19970515 - DEWERT ANTRIEBS SYSTEMTECH [DE]
• [A] WO 8500745 A1 19850228 - IDEO AB [SE]
• [A] DE 29701084 U1 19970522 - ARNOLD L & C [DE]

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