

Title (en)
Bed base.

Title (de)
Untermatratze.

Title (fr)
Sommier de literie.

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Application
EP 95400986 A 19950502

Priority
FR 9405585 A 19940506

Abstract (en)
The base consists of a series of transverse bars (4), connected at their ends to a rigid frame (3) by couplings (5) which have apertures to receive the ends of the bars and supporting arms (7) beneath which have their lower ends terminating in meshing wheels or toothed segments. Each wheel or segment has a central hole (10) to receive the end of a rigid rod (11) which connects the couplings on opposite ends of the bars. The tips of the rigid rods are connected to the rigid frame by bearings or rings and springs (12). The bar end couplings are made from a semi-rigid plastics with a high degree of elastic memory, while the rigid rods connecting them are of square cross-section. The base can be made, for example, in articulated sections, with a fixed horizontal section and an adjustable back rest. <IMAGE>

Abstract (fr)
Sommier du genre comportant une pluralité de barres transversales (4) reliées à chacune de leur extrémité à un cadre rigide (3) par le biais d'un embout (5) comprenant une, et de préférence, deux parties creuses (6) destinées à recevoir lesdites barres (6) caractérisé en ce que ledit embout (5) comporte sur sa face inférieure deux supports (7) coudés vers l'extérieur, les branches inférieures (8') desdits supports coudés (7) se terminant chacune par une roue dentée ou portion de roue dentée (9) qui s'engraine sur l'autre, lesdites roue dentées (9) comprennent en leur centre un orifice (10) dans lequel est engagée l'extrémité d'une tige rigide (11) solidaire en rotation de la roue dentée (9), ladite tige (11) reliant les embouts (5) entre eux. <IMAGE>

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Citation (search report)
• [A] EP 0417664 A1 19910320 - ROESSLE & WANNER GMBH [DE]
• [A] DE 8813387 U1 19890202

Cited by
WO2018109090A1; BE1024394B1; CN110087511A; EP0783856A1; FR2743280A1; FR2771909A1; US11344133B2

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