

Title (en)
BEDDING UNITS AND COMPONENTS FOR SUCH UNITS.

Title (de)
MATRATZENEINHEITEN UND KOMPONENTEN DAZU.

Title (fr)
UNITES DE SOMMIER ET ELEMENTS UTILISABLES AVEC LESDITES UNITES.

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Application
EP 86900561 A 19851224

Priority
US 8502555 W 19851224

Abstract (en)
[origin: WO8703792A1] A bedding unit utilizes formed wire springs (6, 8, 106, 206) for supporting a wire grid (2) on a frame (4). A spring (6, 106, 206) has an upper portion which has two transverse bars (38, 138, 238), a longitudinal center bar (36, 136, 236) located between and spaced from the transverse bars, and connecting sections (40, 140, 240) which connect the opposite ends of the center bar to the ends of the transverse bars. Under compression, the upper portion of the spring or a grid wire attached thereto contacts a torsion bar (32, 132, 232) in the spring. Some embodiments (6, 106) have a continuous and uninterrupted lower portion and an upper portion with two sections which terminate in the ends of the spring wire. A limited deflection corner spring (8) has an upper attachment bar (42), two upper connector bars (46) which diverge downwardly from opposite ends of the attachment bar, two perpendicular upper torsion bars (48) which extend inwardly from the lower ends of the upper connector bars, two inclined lower connector bars (50) which extend downwardly from the inner ends of the upper torsion bars, and two perpendicular nonrotatable lower torsion bars (52) which extend outwardly from the lower ends of the lower connector bars. A stop member (60, 72) for limiting downward movement of the wire grid assembly (16) is an integral piece which has a vertical loop (66, 68, 76, 78) connected to a plurality of angularly disposed spaced bars (64, 74) which are located in a horizontal plane.

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• See references of WO 8703792A1

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