

## Title (en)

Bed base comprising a supporting surface made of plastic bands for the mattress

## Title (de)

Bettgestell bestehend aus einer Liegefläche hergestellt aus Kunststoffbänder für die Matratze

## Title (fr)

Sommier comportant un support fait de bandes plastiques pour les matelas

## Publication

**EP 0832584 A1 19980401 (FR)**

## Application

**EP 96402036 A 19960925**

## Priority

- VE 744695 A 19950925
- US 71946996 A 19960925

## Abstract (en)

A mattress=base consists of a structural frame (1), preferably of metal tubing, and strips (2) of a synthetic material which has a high resistance to deformation but possesses a certain degree of elasticity. The strips are fitted individually to the frame, are tensioned mechanically to a specific level, and have their ends welded after passing round a frame member. The greater proportion of the synthetic strips (2) is fitted across the width of the frame, while a smaller number, spaced at greater intervals, is fitted in a lengthwise direction and interwoven with the transverse strips. The frame is made, for example, from lengths of tubular steel measuring 100 x 40 mm in cross section and having a wall thickness of 2.25mm, while the strips measure 12 mm wide by 0.5 mm thick, and have a breaking strain of 140 - 160 kg.

## Abstract (fr)

Sommier avec support fait de bandes plastiques pour le matelas qui est composé d'un bâti (1) et d'un ensemble de bandes (2) de matière plastique extrudée disposées une à une en enserrant le bâti (1), tendues mécaniquement, avec une tension spécifiques et réunies à leurs extrémités par thermo-soudage, les bandes étant en majeure partie disposées dans la direction transversale du bâti (1) et certaines des bandes étant disposées dans la direction longitudinale, entrelacées avec les premières. <IMAGE>

## IPC 1-7

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- [YA] FR 2331984 A1 19770617 - SANDELLA FABRIKKEN [NO]
- [Y] FR 2094208 A5 19720204 - LAFUMA FRERES
- [A] DE 1753016 A1 19710701 - STROMEYER & CO GMBH L

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