

Title (en)  
SPRING MATTRESS USING CROSS-SUPPORTS AND ELASTIC CONNECTING ELEMENTS

Publication  
**EP 0078929 A3 19840801 (DE)**

Application  
**EP 82109366 A 19821009**

Priority  
DE 3144548 A 19811110

Abstract (en)  
[origin: EP0078929A2] 1. Lower mattress with cross beams (13) as support for an upper mattress, where each cross beam is attached to the support frame (1) of the lower mattress by means of a flexible connection piece that can be adjusted with respect to its spring strength, whereby each connection piece has a compression spring (14) that can be preselected by means of an adjustment screw (6), characterized in that each connection piece consists of a lower telescopic sleeve (3) that is placed in a location borehole (2) of the support frame (1) to which it is firmly attached and which is for holding the adjustment screw (6) and the lower part of the compression spring (14) and it also consists of an upper telescope sleeve (9) attached to the lower one, the former of which is firmly attached to the cross beam (13) and it holds the upper part of the compression spring (14), whereby both of the telescopic sleeves (3, 9) are connected to each other in such a way that the upper sleeve (9) is limited in its motion upwards by the adjusted pressure of the compression spring (14).

IPC 1-7  
**A47C 23/06**; **A47C 23/30**

IPC 8 full level  
**A47C 23/06** (2006.01); **A47C 23/30** (2006.01)

CPC (source: EP)  
**A47C 23/063** (2013.01); **A47C 23/067** (2013.01)

Citation (search report)  
• [A] GB 313753 A 19290620 - HARRY DOBB  
• [A] FR 526164 A 19211003 - GUSTAVE ALEXANDRE PAPIN [FR], et al  
• [AD] DE 2532583 A1 19770210 - SCHAROWSKI OSKAR

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