

Title (en)  
Elastic structure for slat-type bed rests

Title (de)  
Elastische Stütze für Lattenroste

Title (fr)  
Support élastique pour sommiers à lattes

Publication  
**EP 0920824 B1 20020925 (EN)**

Application  
**EP 98204076 A 19981202**

Priority  
IT MI972689 A 19971204

Abstract (en)  
[origin: EP0920824A2] An elastic structure (10) for bed rests made of slats (20), elastic slates or ribs placed across a bed frame and connected to it by slat holding joints (30, 31). In order to enhance the bed rest's adaptability to the loads of a stretched-cut body, the bed frame's longitudinal girders (40) are equipped with structures made of an elastic material (10) composed of two curved elements (50, 60) opposed to each other; an upper element (50) is shaped so as to allow substantial flexing with respect to the frame girder (40), while a lower element (60) functions as a stabilizer and rigidity adjuster. <IMAGE>

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

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

CPC (source: EP)  
**A47C 23/064** (2013.01); **A47C 23/067** (2013.01)

Cited by  
EP1714587A1; DE10143400A1; EP1790256A1; ES2285921A1; FR2848082A1; EP1281338A3; EP2666389A1; EP2526835B1

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