

Title (en)  
Lying plane with variable rigidity for beds.

Title (de)  
Liegefläche mit variabler Steifheit für Betten.

Title (fr)  
Plan de couchage avec rigidité variable pour lits.

Publication  
**EP 0637426 A3 19960424 (EN)**

Application  
**EP 94830373 A 19940725**

Priority  
IT FI930156 A 19930806

Abstract (en)  
[origin: EP0637426A2] The lying plane (1) comprises one or more superimposed layers (3). Each layer is as wide as the surface of the bed and has uniform thickness and is elastically yielding under the weight of the user. Said layer or at least one of said layers (3) is crossed by transverse straight channels (5) longitudinally spaced apart along the lying plane. Elements (7) having the same length and similar cross section as the channels (5) are inserted within at least some of such channels; said elements (7) are chosen among types which, as far as the constructional material and the conformation thereof are concerned, have different flexural rigidities in the plane perpendicular to the lying plane. <IMAGE>

IPC 1-7  
**A47C 23/00**

IPC 8 full level  
**A47C 19/02** (2006.01); **A47C 23/00** (2006.01)

CPC (source: EP)  
**A47C 27/148** (2013.01); **A47C 27/16** (2013.01); **A47C 27/20** (2013.01)

Citation (search report)

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