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• **Ferri, Paolo**
I-51100 Pistoia (IT)

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(74) Representative:
Mannucci, Gianfranco, Dott.-Ing. et al
Ufficio Tecnico Ing. A. Mannucci
Via della Scala 4
I-50123 Firenze (IT)

(71) Applicant: **DOMUS LANAE S.r.l.**
I-50040 Montemurlo (Prato) (IT)

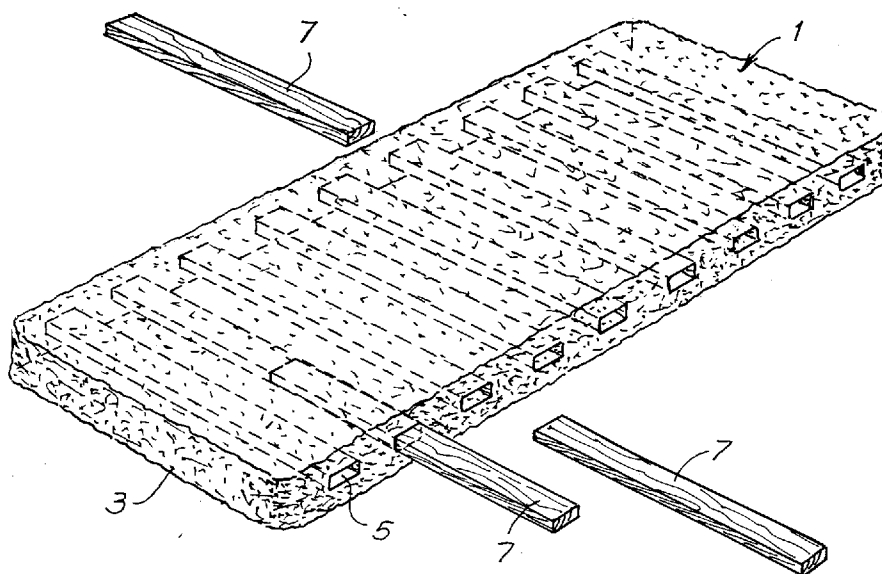
(72) Inventors:
• **Banchi, Massimo**
I-50045 Montemurlo (Prato) (IT)

(54) Lying plane with variable rigidity for beds

(57) 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 closed 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.

Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	CH-A-407 451 (SCHROEDER) * the whole document *	1-4	A47C23/00
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A	FR-A-2 446 092 (BOUSSAROQUE) * the whole document *	1-4,7	A47C27/20
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A	DE-A-32 46 221 (HÜLSTA WERKE) * page 5, line 33 - page 6, line 9 * * page 6, line 21 - line 36 * * page 7, line 19 - line 26; figures 1,2 *	1,8,9	
A	DE-U-87 07 712 (TEXTILWERK PETER LONSBURG) * claims; figures *	1-4,7	
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A	US-A-4 161 045 (REGAN) * column 2, line 17 - line 51; figures 1,2 *	1,3,6	
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A	EP-A-0 018 046 (MARPAL) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A47C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 February 1996	Examiner VandeVondele, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			

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