

Title (en)

Device for the elastic reinforcement of selectable subareas of slatted frames for lounging furniture.

Title (de)

Vorrichtung zur variablen Verstärkung der elastischen Abstützkräfte in beliebigen Partialbereichen eines Liegemöbel-Lattenrosts.

Title (fr)

Dispositif pour renforcer de manière variable et en différents endroits les sommiers à lattes des meubles de couchage.

Publication

**EP 0050293 A2 19820428 (DE)**

Application

**EP 81108226 A 19811012**

Priority

CH 785080 A 19801021

Abstract (en)

1. Apparatus for variably reinforcing the elastic supporting forces in any desired areas of the lath frame (1) of a couch, having spring strips (3) aligned at right angles to the longitudinal axis thereof and mounted on longitudinal borders (2) at the ends, comprising elastic coupling elements (5) which can be mounted at least between two adjacent spring strips (3) substantially in the direction of the longitudinal axis, these coupling elements (5) bridging the spacing (a) between the strips, characterised in that each coupling element (5), consisting of a rubber-elastic material, has at each of its end portions two freely jutting retaining webs (13, 14), each forming an open recess (11, 12), the spacing (h) between these retaining webs (13, 14) corresponding to the thickness of the spring strips, in that a through-opening (10) aligned with the open recesses (11, 12) and shaped substantially like a cross section of a strip is provided in the central portion of the coupling element bridging the spacing (a) between the strips, and in that, in the very same spacing (a) between the strips, there are provided at least two coupling elements (5) at a mutual spacing (c) which carry and additional spring strip (Z) in their through-openings (10).

Abstract (de)

Im Zwischenraum zwischen zwei benachbarten Federlatten (3) eines Liegemöbels werden zwei gummielastische Kupplungsorgane (5) so verankert, daß dieselben die Federleisten (3) mit ihren Haltelippen (13, 14) übergreifen. Eine Zusatzfederlatte (Z) läßt sich durch die Durchgangsöffnungen (10) der Kupplungsorgane hindurchschieben. Die Vorrichtung gestattet die gezielte Anpassung des elastischen Stützdruckes (Federhärte) an Stellen besonderer Belastung, insbesondere im Gesäß- und Lendenbereich, und trägt zur Schonung der Obermatratze bei.

IPC 1-7

**A47C 23/06**

IPC 8 full level

**A47C 23/06** (2006.01)

CPC (source: EP)

**A47C 23/068** (2013.01)

Cited by

EP0967312A1; AT381851B; FR2666973A1; US4573226A; FR2688393A1; EP0424646A1; EP0344105A1; EP0274371A1; EP0919163A1; FR2771270A1; EP0614635A1; AU2008201223B2

Designated contracting state (EPC)

BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0050293 A2 19820428; EP 0050293 A3 19821027; EP 0050293 B1 19850424;** AT 368854 B 19821125; AT A593180 A 19820415; DE 3170159 D1 19850530; DE 8130609 U1 19820715

DOCDB simple family (application)

**EP 81108226 A 19811012;** AT 593180 A 19801204; DE 3170159 T 19811012; DE 8130609 U 19811020