

Title (en)

A bedstead of springs made with compound materials.

Title (de)

Lattenrost mit Latten aus Verbundwerkstoffen.

Title (fr)

Sommier à lames en matériaux composites.

Publication

**EP 0494839 A1 19920715 (EN)**

Application

**EP 92500001 A 19920102**

Priority

- ES 9100035 A 19910108
- ES 9102380 A 19911028

Abstract (en)

A bedstead of springs made with compound materials in which such springs are formed from a special, fibre reinforced plastic material section taking up an inverted "U" shape, with short vertical sides converging inwards with a 45<math>\circ</math> bevel half-way up; the invention also comprises bushes (11) for fitting to a bedstead frame (10). These bushes match the shape of the section and are provided with thick laterally emerging lugs (5). Supplementary, hollow, bottomless caps (12) in the form of a truncated parabola in plan, having interior guide ribs (6), two of which have longitudinal projections (7) along which the spring section slides and is held complete the assembly. These caps are partially closed off at their widest end via two small bush lug supporting end pieces (8) which house and hold the bush lugs (5); likewise, the bedstead has strengthening regulator made up of rigid, prismatic-rectangular shaped elements which are hollow (13) right through with a cross section matching the section of the springs (9) on which they can slide. <IMAGE>

IPC 1-7

**A47C 23/06**

IPC 8 full level

**A47C 23/02** (2006.01); **A47C 23/06** (2006.01); **C08J 5/04** (2006.01)

CPC (source: EP)

**A47C 23/061** (2013.01); **A47C 23/062** (2013.01)

Citation (search report)

- [Y] DE 8708221 U1 19870730
- [Y] DE 2703199 B1 19771229 - HARO GMBH
- [A] FR 1328476 A 19630531 - MANUF DE RESSORTS DE TERRENOIR
- [A] DE 8713012 U1 19871105
- [A] CH 473559 A 19690615 - FANTI AG [CH]

Cited by

ES2150840A1; ITMI20121858A1; ES2150842A1; FR2738471A1; AU746261B2; CN1118644C; US6354577B1; US6406009B1; WO9846902A1; WO0204838A1; KR100644774B1

Designated contracting state (EPC)

AT BE CH DE DK FR GB GR IT LI LU NL PT

DOCDB simple family (publication)

**EP 0494839 A1 19920715**; **EP 0494839 B1 19950830**; AT E126985 T1 19950915; DE 69204306 D1 19951005; DE 69204306 T2 19960201; DK 0494839 T3 19960115; ES 2027569 A6 19920601; ES 2046153 A6 19940116; GR 3018112 T3 19960229; IE 69272 B1 19960821; IE 920041 A1 19920715

DOCDB simple family (application)

**EP 92500001 A 19920102**; AT 92500001 T 19920102; DE 69204306 T 19920102; DK 92500001 T 19920102; ES 9100035 A 19910108; ES 9102380 A 19911028; GR 950403228 T 19951117; IE 920041 A 19920107