

Title (en)

MULTILAYER SLATTED FRAME FOR SEATS AND BEDS

Title (de)

MEHRSCICHT-LATTENROST, INSBESONDERE FÜR SITZ- UND LIEGEMÖBEL

Title (fr)

SOMMIER A LATTES MULTICOUCHES, DESTINE NOTAMMENT A DU MOBILIER POUR S'ASSEOIR ET S'ALLONGER

Publication

EP 1063909 A1 20010103 (DE)

Application

EP 99908664 A 19990312

Priority

- AT 9900064 W 19990312
- AT 15898 U 19980316

Abstract (en)

[origin: WO9947027A1] The invention relates to a multilayer slatted frame, especially for seats and beds, comprised of straight (a) and curved (b) slats which are arranged perpendicular to the longitudinal axis of the bed. Said slats are held in woven loops (h) and are interspaced from one another by elastic supporting bodies (d, f) covered by woven covers (j) which are opened by means of a zip fastener (o). Straight (a) and curved (b) slats are arranged such that the straight slats lie upon the curved slats in the pelvic and lumbar portions (e) of the spinal column and are held on the contact points in an interspaced manner by superimposed woven loops of various lengths and widths (c). According to the construction corresponding to the different variation possibilities, the slats and the elastic bodies can be left out, or the elastic bodies can be of different heights by using beams which run in a longitudinal direction as support or by increasing the strength of the slats. The elastic support bodies are made of latex, foamed material or natural fibrous materials. In an alternative construction, an air, gel and water-tight cover (k) is situated inside the woven covers (j) which are opened by means of a zip fastener (o). Said cover (k) is filled with water (l), gel (m) or air (n).

IPC 1-7

A47C 23/06

IPC 8 full level

A47C 23/06 (2006.01)

CPC (source: EP)

A47C 23/06 (2013.01); **A47C 23/067** (2013.01); **A47C 23/068** (2013.01)

Citation (search report)

See references of WO 9947027A1

Cited by

CN108289549A

Designated contracting state (EPC)

AT DE IT

DOCDB simple family (publication)

WO 9947027 A1 19990923; AT 2644 U1 19990225; AT E217501 T1 20020615; AU 2818299 A 19991011; DE 59901453 D1 20020620; EP 1063909 A1 20010103; EP 1063909 B1 20020515

DOCDB simple family (application)

AT 9900064 W 19990312; AT 15898 U 19980316; AT 99908664 T 19990312; AU 2818299 A 19990312; DE 59901453 T 19990312; EP 99908664 A 19990312