

Title (en)

MOTOR ADJUSTABLE SUPPORT DEVICE FOR THE UPHOLSTERY OF A SEAT AND/OR RECLINING FURNITURE

Title (de)

MOTORISCH VERSTELLBARE STÜTZEINRICHTUNG FÜR EINE POLSTERUNG EINES SITZ- UND/ODER LIEGEMÖBELS

Title (fr)

DISPOSITIF D'APPUI AJUSTABLE PAR MOTEUR POUR REMBOURRAGE DE MEUBLE DE TYPE SIEGE ET/OU LIT

Publication

EP 1239754 B1 20060628 (DE)

Application

EP 00991241 A 20001221

Priority

- DE 29922669 U 19991223
- DE 10046751 A 20000921
- EP 0013074 W 20001221

Abstract (en)

[origin: WO0147394A1] The invention relates to a motor adjustable support device (2) for the upholstery of a seat and/or reclining furniture, especially for a bed mattress. Said support device has a base body (4) provided with laths (22, 24, 26, 28, 30). The support device also has support parts (8, 10, 12, 14) which can be adjusted relative to the base body (4) and an adjusting device for adjusting the support parts (8, 10, 12, 14) relative to the base body (22, 24). According to the invention, at least one of the laths (22, 24) is hollow or is open on one side for receiving at least parts of the adjusting device. In another embodiment of the invention, at least one adjustment motor (32) pertaining to the adjusting device is located within the limits of a lath (22, 24) (side view). The inventive support device is especially low in height. Components pertaining to the adjusting device located in the laths (22, 24) are protected from damage and soiling.

IPC 8 full level

A47C 20/04 (2006.01); **A47C 20/08** (2006.01); **A61G 7/00** (2006.01)

CPC (source: EP US)

A47C 20/041 (2013.01 - EP US); **A47C 20/08** (2013.01 - EP US)

Cited by

DE102014115084A1; EP2974622A1; DE102014115039A1; DE102014115126A1; EP2974623A1; DE102014115033A1; EP3009051A1; DE102015117189A1; DE202013007106U1; DE102013110094A1; DE102013110096A1; EP2878230A1; EP3009052A1; DE102014115125A1; DE102015106994A1; WO2016177526A1; DE202016008655U1; EP2792277A1; DE102013013199A1; DE102014105092A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0147394 A1 20010705; AT E331451 T1 20060715; AU 3162501 A 20010709; CN 1257694 C 20060531; CN 1424883 A 20030618; DE 50013095 D1 20060810; EP 1239754 A1 20020918; EP 1239754 B1 20060628; ES 2267603 T3 20070316; JP 2003518399 A 20030610; US 2003052238 A1 20030320; US 6961971 B2 20051108

DOCDB simple family (application)

EP 0013074 W 20001221; AT 00991241 T 20001221; AU 3162501 A 20001221; CN 00818584 A 20001221; DE 50013095 T 20001221; EP 00991241 A 20001221; ES 00991241 T 20001221; JP 2001547994 A 20001221; US 17775002 A 20020624