

Title (en)

Motor-driven, adjustable supporting device for the upholstery of seating and/or reclining furniture, for example of a mattress or of a bed

Title (de)

Motorisch verstellbare Stützeinrichtung für eine Polsterung eines Sitz- und/oder Liegemöbels, beispielsweise einer Matratze oder eines Bettes

Title (fr)

Support réglable par moteur et destiné au rembourrage d'un meuble d'assise et/ou de couchage, par exemple d'un matelas ou d'un lit

Publication

EP 1410743 A3 20041215 (DE)

Application

EP 03026794 A 20001221

Priority

- DE 19962541 A 19991223
- EP 00991986 A 20001221

Abstract (en)

[origin: EP1410743A2] The adjustable support (2) of a seat or a bed mattress, and the like, is operated by a motor. The assembly has at least two sections (4,6) to support a flat mattress, with a swing joint between them. The drive is an electromotor at the first section (4), with the drive output within it between the outer levels of the section. At least one longitudinal member (42,44) is hollow at the first section (4), to contain the electromotor.

IPC 1-7

A47C 20/04

IPC 8 full level

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

CPC (source: EP US)

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Citation (search report)

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- [YA] US 5542744 A 19960806 - BATHRICK LEELAND M [US]
- [A] EP 0568957 A1 19931110 - VG S A [CH]
- [A] US 5063623 A 19911112 - BATHRICK LEELAND M [US], et al
- [A] DE 19503650 A1 19960808 - NICOL KLAUS PROF DR [DE]
- [DA] EP 0935937 A1 19990818 - RECTICEL INT BETTSYSTEME GMBH [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2002162170 A1 20021107; US 6754922 B2 20040629; AT E303089 T1 20050915; AU 3726901 A 20010703; CN 1257693 C 20060531; CN 1413093 A 20030423; DE 19962541 A1 20010726; DE 19962541 C2 20020207; DE 19962541 C3 20031127; DE 20023411 U1 20041202; EP 1239755 A2 20020918; EP 1239755 B1 20050831; EP 1410743 A2 20040421; EP 1410743 A3 20041215; EP 1410743 B1 20150819; ES 2248169 T3 20060316; ES 2553094 T3 20151204; JP 2003517860 A 20030603; JP 3871934 B2 20070124; WO 0145536 A2 20010628; WO 0145536 A3 20011227

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US 17661502 A 20020624; AT 00991986 T 20001221; AU 3726901 A 20001221; CN 00817584 A 20001221; DE 19962541 A 19991223; DE 20023411 U 20001221; EP 0013084 W 20001221; EP 00991986 A 20001221; EP 03026794 A 20001221; ES 00991986 T 20001221; ES 03026794 T 20001221; JP 2001546280 A 20001221