

Title (en)  
MOTOR-DRIVEN SUPPORT DEVICE FOR THE UPHOLSTERY OF A PIECE OF FURNITURE USED TO SIT OR LIE DOWN, ESPECIALLY A MATTRESS FOR A BED

Title (de)  
MOTORISCH VERSTELLBARE STÜTZEINRICHTUNG FÜR EINE POLSTERUNG EINES SITZ- UND/ODER LIEGEMÖBELS, INSBESONDERE EINE MATRATZE EINES BETTES

Title (fr)  
DISPOSITIF SUPPORT MOTORISE DESTINE AU REMBOURRAGE D'UN MEUBLE D'ASSISE ET/OU DE COUCHAGE, NOTAMMENT AU MATELAS D'UN LIT

Publication  
**EP 1633219 A1 20060315 (DE)**

Application  
**EP 04733805 A 20040519**

Priority  
• EP 2004005403 W 20040519  
• DE 10325796 A 20030605

Abstract (en)  
[origin: DE20308887U1] The motorised support device has a drive motor (24) mounted outside of the first longitudinal beam (20). A recess is formed in a side wall of the first beam opposite the other longitudinal beam (22) so that the drive motor is in driving connection through the recess with parts of the drive means mounted inside the first beam. The first gear element is a worm of a worm gearing whose worm wheel is mounted inside the first beam and forms the second gearing element.

IPC 1-7  
**A47C 1/00**

IPC 8 full level  
**A47C 1/024** (2006.01); **A47C 19/04** (2006.01); **A47C 20/04** (2006.01); **A47C 20/08** (2006.01)

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

Cited by  
EP2792277A1; DE102013013199B4; DE102016121568A1; DE102014115084A1; DE102015106994A1; WO2016177526A1; DE202016008655U1; EP1750553A1; EP2974622A1; DE102014115039A1; DE102014115126A1; US10010464B2; DE102013013199A1; DE102014105092A1; DE102021108208A1; EP2974623A1; DE102014115033A1; EP3009051A1; DE102015117189A1; US9877589B2; DE102021102440A1; EP3009052A1; DE102014115125A1; EP3320808A1; DE202021101715U1; DE202013007106U1; DE102013110094A1; DE102013110096A1; EP2878230A1; DE202021104109U1; DE102021120007A1; WO2022033928A1; DE102021105230A1

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**US 2007220677 A1 20070927**; AT E345716 T1 20061215; CN 1798512 A 20060705; CN 1798513 A 20060705; DE 102004016048 A1 20041230; DE 20308887 U1 20041007; DE 502004002102 D1 20070104; EP 1633219 A1 20060315; EP 1633219 B1 20061122; ES 2276303 T3 20070616; JP 2006526439 A 20061124; WO 2004107923 A1 20041216

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