

Title (en)

Device for inclining beds and couches

Title (de)

Vorrichtung für die Neigungsverstellung von Bett- oder Sofateilen

Title (fr)

Dispositif de réglage d'inclinaison d'éléments de lit ou de canapé

Publication

EP 0583660 B1 19970521 (EN)

Application

EP 93112073 A 19930728

Priority

IT MI921901 A 19920731

Abstract (en)

[origin: EP0583660A1] The device is utilisable for beds and couches of the type having a flat base with an inclinable headboard and/or footboard. A main shaft is arranged transversely with respect to the longitudinal extension of the bed and is rotatably supported by an intermediate portion of the base. Transverse arms are connected to the main shaft and slideably engage the underside of the inclinable headboard. In order to actuate the main shaft, a gearmotor (12) is housed in a casing (8) fixed to the underside of the intermediate portion and supports a lever (10) rotatable about an axis (9) which is coaxial with the main shaft. A connecting element rotatively connects the lever (10) to the main shaft. The threaded output shaft (13) of the gearmotor (12) couples with a female thread defined in a slider (14), having formed therein a transverse slot (16) which is slideably engaged by a pin (17) connected to the lever (10). <IMAGE>

IPC 1-7

A47C 20/04

IPC 8 full level

A47C 20/04 (2006.01)

CPC (source: EP)

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Cited by

WO02098262A1; WO03015585A1; WO0147394A1; US6763536B2; DE10126204B4; DE10046750C1; US6300732B1; FR2780256A1; EP1190651A3; DE10127306A1; DE29502658U1; DE10138025A1; CN100346731C; DE10231290B3; DE10157650C1; DE4433934A1; EP2815681A3; US6754922B2; WO0224035A1; US6742205B2; US6945131B2; WO2005112708A1; WO03055359A1; US7484257B2; US7386901B2; US7198325B2; WO03045195A1; US6961971B2; WO0176422A1; WO9927819A1; WO2009030263A1; JP2009526578A; EP3238574B1

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