Title (en)

Mechanism for lifting seating furniture to assist getting up

Title (de)

Sitzmöbelmechanismus zur Unterstützung beim Aufstehen

Title (fr)

Mécanisme pour meubles d'assise pour aider à se lever

Publication

EP 1712215 A1 20061018 (EN)

Application

EP 05008248 A 20050415

Priority

EP 05008248 A 20050415

Abstract (en)

Mechanism for lifting of seating furniture to assist getting up, with own driving mechanism with help of rotating motor drives, according to this invention presents solution with original kinematic mechanism and enables drive and appropriate kinematic achievement, and with help of rotating motor drives achieves optimum functioning of seating furniture during use of this function of lifting furniture to assist with getting up, and with that improves total possibilities of functions of a seat. Mechanism according to this invention has possibility to transversely position rotating drive device which is with rotor part attached to shear mechanism, and with flange (9) on stator portion pulls lever (8) connected to shearing mechanism joint for lifting and support of frame of seat or mechanism, and lifts the whole mechanism, slants mechanism forward, thereby simplifying getting up from the seating furniture. Mechanism is easily assembled by inserting of two pins (17) into cross tube of seating furniture frame and securing by two screws (24).

IPC 8 full level

A61G 5/14 (2006.01)

CPC (source: EP)

A61G 5/14 (2013.01)

Citation (applicant)

US 5333931 A 19940802 - WEDDENDORF BRUCE [US]

Citation (search report)
- [X] US 5333931 A 19940802 - WEDDENDORF BRUCE [US]
- [A] EP 1252874 A2 20021030 - LUSCH GMBH & CO KG FERD [DE]
- [A] US 3343871 A 19670926 - YATES GEORGE H, et al
- [A] DE 29519554 U1 19960125 - SICHELSCHMIDT STANZWERK [DE]
- [A] GB 1276255 A 19720601 - POWELL ALBERT ERNEST

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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