

Title (en)
DUAL ELECTROMOTIVE FURNITURE DRIVE

Title (de)
ELEKTROMOTORISCHER MÖBEL-DOPPELANTRIEB

Title (fr)
MÉCANISME D'ENTRAÎNEMENT DOUBLE À MOTEUR ÉLECTRIQUE POUR MEUBLES

Publication
EP 2240050 A1 20101020 (DE)

Application
EP 08859236 A 20081204

Priority
• EP 2008066789 W 20081204
• DE 202007017534 U 20071213

Abstract (en)
[origin: WO2009074505A1] A dual electromotive furniture drive (10), which has a housing, which is provided with drive motor (11), which is drive-coupled to a speed reduction gear mechanism (12), and in which a spindle (14) which is secured against rotation can be moved in its longitudinal direction by means of the speed reduction gear mechanism (12), and in which at least the speed reduction gear mechanism (32) and the spindle (14) are arranged in the housing, and in which the end positions of each spindle (14) are limited by at least one end switch (17), should be designed such that the number of components is minimized, which furthermore is simple and easy to fit and can be produced in a material-saving manner, in which the internal force profiles are optimized and the force transmission paths through the walls of the housing are short. According to the invention, provision is made for a pressure piece (15) to be arranged on the spindle (14) on that side which is averted from the speed reduction gear mechanism (12), said pressure piece being operatively connected to an adjusting element (23) which is fixedly mounted on a moving furniture component. Furthermore, with respect to the installation position of the dual furniture drive (10), the spindle (14) should be inclined relative to the horizontal and also the second spindle should likewise be inclined relative to the horizontal, wherein the angle formed is an obtuse angle. The dual electromotive furniture drive according to the invention is preferably suitable for adjusting the backrest and the foot part of a slatted base.

IPC 8 full level
A47C 20/04 (2006.01)

CPC (source: EP US)
A47C 20/041 (2013.01 - EP US); **A47C 20/042** (2013.01 - EP US); **Y10T 74/18576** (2015.01 - EP US); **Y10T 74/18688** (2015.01 - EP US)

Citation (search report)
See references of WO 2009074505A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 202007017534 U1 20090423; CN 101896095 A 20101124; CN 101896095 B 20121010; DK 2240050 T3 20160215; EP 2240050 A1 20101020; EP 2240050 B1 20151202; ES 2561036 T3 20160224; JP 2011506871 A 20110303; US 2011025150 A1 20110203; US 8763483 B2 20140701; WO 2009074505 A1 20090618

DOCDB simple family (application)
DE 202007017534 U 20071213; CN 200880120312 A 20081204; DK 08859236 T 20081204; EP 08859236 A 20081204; EP 2008066789 W 20081204; ES 08859236 T 20081204; JP 2010537388 A 20081204; US 74757908 A 20081204