

Title (en)

ELECTROMOTIVE FURNITURE DRIVE FOR A PIECE OF FURNITURE, METHOD FOR MONITORING A PULSE-WIDTH RATIO OF AN ELECTROMOTIVE FURNITURE DRIVE, AND A CORRESPONDING PIECE OF FURNITURE

Title (de)

ELEKTROMOTORISCHER MÖBELANTRIEB FÜR EIN MÖBEL, VERFAHREN ZUM ÜBERWACHEN EINES PULSWEITENVERHÄLTNISSSES EINES ELEKTROMOTORISCHEN MÖBELANTRIEBS, UND EIN ENSPRECHENDES MÖBEL

Title (fr)

SYSTÈME D'ACTIONNEMENT PAR MOTEUR ÉLECTRIQUE POUR UN MEUBLE, PROCÉDÉ DE SURVEILLANCE D'UN RAPPORT DE LARGEUR D'IMPULSION D'UN SYSTÈME D'ACTIONNEMENT PAR MOTEUR ÉLECTRIQUE POUR MEUBLE, ET MEUBLE CORRESPONDANT

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Abstract (en)

[origin: WO2013127940A2] The invention relates to an electromotive furniture drive (100) for adjusting a moveable part (4, 5) of a piece of furniture (1) by means of an output element, comprising a) at least one adjusting drive (7, 8) with respectively at least one electric motor, a speed reducing mechanism which is coupled thereto and which ensures that the output element is drivenly coupled and can be linearly displaced and/or rotatably moved, and when said output element reaches a predetermined position, said output element actuates an end switch and/or reference switch and/or switching means, b) at least one control device (9) and c) at least one control unit (10), said control device (9) comprising a positioning device for the output element provided with a control block with a counter and a recording device for evaluating impulses of a counter EMK of the at least one electric motor. Said control device (9) comprises a digital potentiometer which emits as an output value, an electric value which is proportionate to the position of said output element. The control device comprises, in a further embodiment, a monitoring device. The invention also relates to a method for monitoring a pulse width ratio of an electromotive furniture drive and a piece of furniture (1).

IPC 8 full level

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