

Title (en)  
DRIVE FOR ADJUSTING PARTS OF SEATING AND LYING FURNITURE

Title (de)  
ANTRIEB ZUM VERSTELLEN VON TEILEN VON SITZ- UND LIEGEMÖBELN

Title (fr)  
DISPOSITIF D'ENTRAÎNEMENT POUR DÉPLACER DES PARTIES DE MEUBLES D'ASSISE ET DE COUCHAGE

Publication  
**EP 3490410 B1 20231004 (DE)**

Application  
**EP 17748437 A 20170724**

Priority  
• DE 202016104185 U 20160729  
• EP 2017068672 W 20170724

Abstract (en)  
[origin: WO2018019784A1] The invention relates to a drive for adjusting parts of seating and lying furniture, wherein a first furniture component is mounted in a movable manner relative to a second furniture component, comprising at least one spindle (2) which can be rotated by an electric drive motor (1), an adjusting nut (3) which sits on the spindle (2) and which is guided in a guide tube (4) in a rotationally fixed manner and can be driven by rotating the spindle (2) in the axial direction of the guide tube (4), a lifting tube (5) which is operatively connected to the adjusting nut (3), a first hinge device (6) which is arranged on the free end of the lifting tube (5) and which can be hinged to the first furniture component via a first hinge connection (7), and a second hinge device (10) which is provided on the opposite end of the adjusting drive and which can be secured to a stationary frame part (12) or to a second furniture component via a second hinge connection (11). Such a drive should also be usable even when only limited space is available. This is achieved in that an elongation element (13; 14) is provided on at least one of the two hinge devices (6; 10), said elongation element being rigidly connected to said hinge device, a respective joint half (15; 16) of the joint connection (7; 11) is arranged on the elongation element (13; 14), and the joint half (15; 16) sitting on the respective elongation element (13; 14) is offset in the direction of the central section (17) of the guide tube (4).

IPC 8 full level  
**A47C 20/04** (2006.01)

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

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

DOCDB simple family (publication)  
**DE 202016104185 U1 20171102**; CN 109715014 A 20190503; CN 109715014 B 20210824; EP 3490410 A1 20190605;  
EP 3490410 B1 20231004; US 10716406 B2 20200721; US 2019254436 A1 20190822; WO 2018019784 A1 20180201

DOCDB simple family (application)  
**DE 202016104185 U 20160729**; CN 201780047221 A 20170724; EP 17748437 A 20170724; EP 2017068672 W 20170724;  
US 201716315623 A 20170724