

Title (en)
ELECTRICALLY ADJUSTABLE FURNITURE UNIT AND METHOD FOR ASSEMBLING AN ELECTRICALLY ADJUSTABLE FURNITURE UNIT

Title (de)
ELEKTRISCH VERSTELLBARE MÖBELEINHEIT UND VERFAHREN ZUM ZUSAMMENBAU EINER ELEKTRISCH VERSTELLBAREN MÖBELEINHEIT

Title (fr)
UNITÉ DE MEUBLE À RÉGLAGE ÉLECTRIQUE ET PROCÉDÉ D'ASSEMBLAGE D'UNE UNITÉ DE MEUBLE À RÉGLAGE ÉLECTRIQUE

Publication
EP 3434148 A1 20190130 (EN)

Application
EP 18184621 A 20180720

Priority
US 201762537400 P 20170726

Abstract (en)
An electrically adjustable furniture unit (1), such as a sofa bed or recliner, comprises a static frame (10) having a plurality of frame elements comprising side frame elements (12). At least two of the frame elements are arranged substantially parallel to each other. The furniture unit (1) further comprises a plurality of kinematics modules (30) comprising electrically adjustable arms, wherein the kinematics modules are contained in the at least two frame elements that are arranged substantially parallel to each other. A control unit is electrically coupled to each of the kinematics modules (30), wherein the control unit is adjusted to combine backrest arms (31) of the adjustable arms to a first adjustment group and to combine legrest arms (32) of the adjustable arms to a second adjustment group, and wherein for a backrest adjustment the control unit controls the backrest arms (31) in the first adjustment group in parallel or synchronously and wherein for a legrest adjustment the control unit controls the legrest arms (32) in the second adjustment group in parallel or synchronously.

IPC 8 full level
A47C 20/04 (2006.01); **A47C 17/16** (2006.01); **A47C 17/86** (2006.01); **A47C 19/00** (2006.01); **A47C 20/08** (2006.01)

CPC (source: EP US)
A47C 17/16 (2013.01 - EP US); **A47C 17/162** (2013.01 - US); **A47C 17/86** (2013.01 - EP US); **A47C 19/005** (2013.01 - EP US); **A47C 20/041** (2013.01 - EP US); **A47C 20/08** (2013.01 - EP US); **A47C 31/003** (2013.01 - EP)

Citation (search report)
[X1] US 2007067913 A1 20070329 - DEWERT ECKHART [CH], et al

Cited by
CN110403392A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3434148 A1 20190130; CA 3012202 A1 20190126; US 2019029434 A1 20190131

DOCDB simple family (application)
EP 18184621 A 20180720; CA 3012202 A 20180724; US 201816044429 A 20180724