

Title (en)

LUMBAR SUPPORT DEVICE FOR AN ITEM OF SEATING FURNITURE AND SEATING FURNITURE WITH A LUMBAR SUPPORT DEVICE

Title (de)

LORDOSENSTÜTZVORRICHTUNG FÜR EIN SITZMÖBEL UND SITZMÖBEL MIT EINER LORDOSENSTÜTZVORRICHTUNG

Title (fr)

DISPOSITIF D'APPUI DORSOLOMBAIRE POUR UN MEUBLE POUR S'ASSEOIR ET MEUBLE POUR S'ASSEOIR COMPORTANT UN DISPOSITIF D'APPUI DORSOLOMBAIRE

Publication

EP 3893696 A1 20211020 (DE)

Application

EP 19818014 A 20191206

Priority

- DE 202018107033 U 20181210
- EP 2019084075 W 20191206

Abstract (en)

[origin: WO2020120336A1] The invention relates to a lumbar support device (10) for an item of seating furniture, in particular an armchair, comprising an electric-motor-driven linear drive (11), which is coupled to an extendable support element (14) via a lever mechanism (12), wherein the linear drive (11) has a guide profile (112) on which two sliding blocks (113, 114), coupled to a respective spindle nut via at least one spindle, can be moved synchronously towards or away from one another, wherein the sliding blocks are connected to the support element (14) via at least one respective lever (121, 122).

IPC 8 full level

A47C 7/46 (2006.01)

CPC (source: EP US)

A47C 7/462 (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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202018107033 U1 20200311; CN 113194791 A 20210730; EP 3893696 A1 20211020; EP 3893696 B1 20240731; US 11986101 B2 20240521; US 2022022655 A1 20220127; WO 2020120336 A1 20200618

DOCDB simple family (application)

DE 202018107033 U 20181210; CN 201980082120 A 20191206; EP 19818014 A 20191206; EP 2019084075 W 20191206; US 201917312318 A 20191206