

Title (en)

PIECE OF SEATING FURNITURE WITH A SINGLE-MOTOR WALLAWAY FUNCTION AND A CO-ROTATING BACKREST GEAR

Title (de)

SITZMÖBEL MIT EINMOTORIGER WALLAWAY-FUNKTION UND MITLAUFENDEM RÜCKENGETRIEBE

Title (fr)

SIÈGE À FONCTION INCLINABLE PROTÈGE-MUR À MOTEUR UNIQUE ET COMPRENANT UN MÉCANISME DE RÉGLAGE DE DOSSIER À ROTATION

Publication

EP 4387491 A1 20240626 (DE)

Application

EP 22797644 A 20220921

Priority

- DE 202021003056 U 20210927
- DE 2022100700 W 20220921

Abstract (en)

[origin: WO2023046238A1] The invention relates to a piece of seating furniture (1) with a chassis (5), a seat part (3) pivotable in its inclination, a back part (4) pivotable relative to the seat part (3), and a swing-out footrest part (6) which is attached to the seat part (3) via at least one footrest-part adjustment gear (2), wherein the piece of seating furniture (1) is adjustable between an upright sitting position and a reclining position, for which purpose, at least during a partial phase of the adjustment of the piece of seating furniture (1) from the upright sitting position to the reclining position, the seat part (3) is pushed forward relative to the chassis (5) via a first displacement unit (10) and preferably a second displacement unit (11), wherein the first displacement unit (10) is formed by a lever adjustment gear (15) and has at least one chassis lever (9) articulated on the chassis (5), and a first connection lever (13) is articulated on the chassis lever (9), wherein the first connection lever (13) is articulated by its free end on a first end of a rotary lever (14), wherein the rotary lever (14) is articulated by its preferably central region on the seat part (3), wherein the rotary lever (14) is articulated by its second end on a first end of a second connection lever (16), wherein the second connection lever (16) is coupled to the back part (4).

IPC 8 full level

A47C 1/0355 (2013.01)

CPC (source: EP)

A47C 1/0355 (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2023046238 A1 20230330; CN 118042961 A 20240514; DE 112022004628 A5 20240711; EP 4387491 A1 20240626

DOCDB simple family (application)

DE 2022100700 W 20220921; CN 202280064957 A 20220921; DE 112022004628 T 20220921; EP 22797644 A 20220921