

Title (en)

ADJUSTABLE BASE ELEMENT FOR FURNITURE FOR LYING ON, AND FURNITURE FOR LYING ON

Title (de)

VERSTELLBARES BASELEMENT FÜR LIEGEMÖBEL SOWIE LIEGEMÖBEL

Title (fr)

ÉLÉMENT DE BASE RÉGLABLE CONÇU POUR UN MEUBLE POUR S'ALLONGER, ET MEUBLE POUR S'ALLONGER

Publication

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Application

**EP 21790176 A 20211008**

Priority

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- EP 2021077934 W 20211008

Abstract (en)

[origin: WO2022074231A1] A base element (100) and a piece of furniture for lying on, having a base element and a mattress, are proposed. The base element has a frame element (101a) which is formed at least partially from elastically deformable material, in particular partially from foam, and which has a compartment (102). The base element also has an at least partially elastically deformable cover layer (101b), wherein the cover layer (101b) is arranged on the second side (116) of the frame element so that the compartment (102) is at least partially delimited by the cover layer (101b), and wherein the cover layer (101b) has a support surface, which is arranged opposite the bottom surface (118), for a mattress. Also provided is an adjusting device (300) which is at least partially arranged in the compartment (102) of the frame element (101a), wherein the adjusting device (300) has at least one drive (108) and also a drive mechanism coupled to the drive and is designed to deform the base element (100) and/or a mattress (202) placed on the base element at least in certain regions, wherein the drive mechanism (108) has at least two rails (104, 104') which are arranged substantially parallel to a longitudinal axis of the base element (100) and which are spaced apart from one another parallel to a transverse axis of the base element (100) by at least one transverse strut (103), and wherein each of the at least two rails (104, 104') has at least two rail elements (105a-105c) which are arranged one behind the other parallel to the longitudinal direction and are coupled to one another by at least one joint, with the result that the at least two rail elements of each rail are displaceable with respect to one another by means of the at least one drive (108, 108').

IPC 8 full level

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