

Title (en)

MECHANISM FOR A CHAIR COMPRISING A SYNCHRONOUS MECHANISM; METHOD FOR WEIGHT ADJUSTMENT FOR AN IMPROVED DYNAMIC FEEL OF SITTING FOR THE USER BY MEANS OF A MECHANISM FOR A CHAIR COMPRISING A SYNCHRONOUS MECHANISM

Title (de)

MECHANISMUS FÜR EINEN STUHL MIT EINER SYNCHRONMECHANIK; VERFAHREN ZUR GEWICHTSEINSTELLUNG FÜR EIN VERBESSERTES DYNAMISCHES SITZGEFÜHL DES SITZNUTZERS MITTELS EINES MECHANISMUS FÜR EINEN STUHL MIT EINER SYNCHRONMECHANIK

Title (fr)

MECANISME POUR UNE CHAISE COMPRENANT UN MECANISME SYNCHRONE ; PROCEDE DE REGLAGE DE POIDS POUR UN MEILLEUR CONFORT D'ASSISE DYNAMIQUE DE L'UTILISATEUR AU MOYEN D'UN MECANISME POUR UNE CHAISE COMPRENANT UN MECANISME SYNCHRONE

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Application

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Abstract (en)

[origin: US2016345737A1] The invention is based on a mechanism (1) for a chair having a synchro mechanism by means of which a seat surface structure and a backrest structure are moved in a synchronised ratio relative to one another, wherein the mechanism (1) serves to adjust a restoring force of the synchro mechanism to a different body weight of a seat user by changing a working angle of a force accumulator, and the mechanism (1) includes a seat support (8) for the seat surface structure, a bearing yoke (5), the force accumulator unit (2) a backrest support (3) for supporting the backrest structure, and a translational bearing (16), wherein the mechanism (1) has a triangular steering block (21) and the force accumulator unit (2) is connected to the triangular steering block (21), and on a weight adjustment method for an improved dynamic sitting experience on the part of the seat user by means of a mechanism (1) for a chair with a synchro mechanism, in which the position of a first pivot point (31) of the force accumulator unit (2) is shifted by means of the adjuster (11) when the backrest support (3) is in a position (A), and a swivelling motion of the backrest support (3) into a second position (B) is not performed until the first step is completed.

IPC 8 full level

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