

Title (en)
SYNCHRONOUS SEAT ADJUSTMENT

Title (de)
SYNCHROME SITZVERSTELLUNG

Title (fr)
AJUSTAGE SYNCHROME DE SIÈGE

Publication
EP 2908696 B2 20230315 (DE)

Application
EP 12780635 A 20121018

Priority
CH 2012000238 W 20121018

Abstract (en)
[origin: WO2014059553A1] Disclosed is a type of seat with relative synchronous displacement between back incline and seat incline, specifically along a region between a respective zero position of back incline (R0) and seat incline (S0) and a respective maximum back incline and seat incline. The seat has an underframe (1) which is intended to be placed on the floor and on which a base (2) is rigidly secured. A seat support (6) is connected to the base (2) and has a seat region and a back region. The seat also comprises two backrest frames (3) which can be extended separately towards each other and which are secured at one side on the base (2) and at another side on the back region of the seat support (6). The two backrest frames (3) are attached independently of each other on the base (2) on a stationary first axis of rotation (D1). The seat region of the seat support (6) is attached on the base (2) on a stationary second axis of rotation (D2). The two backrest frames (3) are attached independently of each other on the back region of the seat support (6) on an elastically deformable third axis of rotation (D3). The back region of the seat support (6) is elastically twistable. A cover is stretched over the seat support. In the embodiment as a rotating office seat, a height-adjustable gas spring (12) is arranged in the underframe (1), on which gas spring the base (2) rests, in order to set the seat support (6) at a height which corresponds to the needs of a user and in order to design a vertical axis (V) in rotatable manner.

IPC 8 full level
A47C 3/02 (2006.01)

CPC (source: EP US)
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Opponent :
DE 102011001811 A1 20121011 - WILKHAHN WILKENING & HAHNE [DE]

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