

Title (en)

Synchronised mechanism for a coupled seat- and backrest-movement in an office chair

Title (de)

Synchronmechanik für eine korrelierte Sitz-Rückenlehnen-Bewegung eines Bürostuhles

Title (fr)

Mécanisme synchronisé pour un mouvement corrélié entre une siège et un dossier d'une chaise de bureau

Publication

EP 1258210 B1 20060315 (DE)

Application

EP 02009186 A 20020425

Priority

DE 10125994 A 20010518

Abstract (en)

[origin: EP1258210A2] The joint between the base and seat supports (2,6) consists of a slotted (25) twist joint (22). The slot also contains the seat support (6) bearing pin (26) so the joint (22) has to be moved horizontally back in the slot to lower the seat support. The joint as such is integrated with the front joint (12) between the front rod (8) and backrest support (7) and the interval (a) between joints (12 and 13) and rods (7,8) equals the length (L) of the rear rod (10) and is greater than the length (L8) of the front rod (8).

IPC 8 full level

A47C 1/032 (2006.01)

CPC (source: EP US)

A47C 1/03205 (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03272** (2013.01 - US); **A47C 1/03294** (2013.01 - EP US); **A47C 1/03274** (2018.07 - EP US)

Citation (examination)

- DE 19921153 A1 20001109 - BOCK 1 GMBH & CO [DE]
- DE 19810768 A1 19990909 - DRABERT GMBH [DE]

Cited by

EP2250940A3; EP1985206A4; US8550557B2

Designated contracting state (EPC)

DE FR GB NL

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EP 1258210 A2 20021120; EP 1258210 A3 20040114; EP 1258210 B1 20060315; DE 10125994 A1 20021121; DE 50206055 D1 20060511; US 2002171276 A1 20021121; US 6886888 B2 20050503

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