

Title (en)

Synchronised mechanism for a coupled seat-and backrest-movement for office chairs

Title (de)

Synchronmechanik für die simultane Sitzflächen- und Rückenlehnen-Schwenkbewegung bei Bürostühlen

Title (fr)

Mécanisme synchronisé pour un mouvement corrélié entre une siège et un dossier des chaises de bureau

Publication

EP 1258211 B1 20060329 (DE)

Application

EP 02009189 A 20020425

Priority

DE 10126000 A 20010518

Abstract (en)

[origin: EP1258211A2] Spring (11) has its own integrated force adjuster (17) and a bearing block (18) forcibly coupled for swivel with the backrest angle setting contains an abutment lever (19). The far lever end supports a compression spring (13). A manually operated control mechanism (26) within the block (18) space is used to space the swivel axis (24) from axis (8) along its slide guide (25) in block (18), normal to the spring force. The abutment lever (19) pivots on a support lever (33) which is spaced in front of the block (18) so that the support lever (33) rests under spring load on the block whenever the backrest support is out of swivel.

IPC 8 full level

A47C 1/032 (2006.01)

CPC (source: EP US)

A47C 1/03255 (2013.01 - EP); **A47C 1/03266** (2013.01 - EP US); **A47C 1/03272** (2013.01 - EP US); **A47C 1/03294** (2013.01 - EP)

Cited by

CN106235726A; EP2070445A1; EP1440632A1; EP1911371A1; EP1468633A1; GB2552732A; GB2552732B; CN112437619A; US7600814B2; WO2011141107A1; US7080884B2; WO2010103554A1; WO2006114250A1; WO2008049435A1; WO2007095960A1; US7850237B2; WO2013017279A1; US8100477B2; DE102014226645A1; US9974389B2; DE102014226645B4

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