

Title (en)

Chair control for adjusting seats and backrests of chairs, especially office chairs

Title (de)

Vorrichtung zur Gewichtseinstellung für die Einstellung von Sitzflächen und Rückenlehnen bei Stühlen, insbesondere Bürodrehstühlen

Title (fr)

Dispositif de réglage du siège et du dossier d'une chaise, notamment d'une chaise de bureau

Publication

EP 0537542 B1 19960131 (DE)

Application

EP 92116616 A 19920929

Priority

DE 9112861 U 19911016

Abstract (en)

[origin: US5340194A] A pedestal supported chair such as a swivel type chair in which a seat plate carrier pivoted to a base member fixed to the pedestal and having a back rest carrier is provided with adjustment means operable over range of user weights for adjusting a torsion spring mounted with its windings on the pivot by which the seat plate carrier is mounted to the base member. First legs of the spring member engage the seat plate carrier and second spring legs are connected to a holder supported from the base member. Rotation of a shaft passing through the holder moves the holder towards or away from the base member and results in greater or lesser tightening of the windings of the torsion spring to compensate in corresponding manner for the greater or lesser weight loadings which can be imposed on the seat plate carrier and on a chair back rest carrier when a user whose weight will be any one of such in a range of weights, sets a positioning relationship between the seat element and back rest and back rest intended to be that most comfortable to the user.

IPC 1-7

A47C 1/032

IPC 8 full level

A47C 1/032 (2006.01); **A47C 31/12** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

US 5340194 A 19940823; AT E133543 T1 19960215; AU 2703192 A 19930422; AU 658229 B2 19950406; CA 2080720 A1 19930417; DE 59205227 D1 19960314; DE 9112861 U1 19920102; EP 0537542 A1 19930421; EP 0537542 B1 19960131; ES 2082313 T3 19960316; FI 924617 A0 19921013; FI 924617 A 19930417; MY 129980 A 20070531

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