

Title (en)
Improvements in and relating to adjustable chairs.

Title (de)
Verstellbare Stühle.

Title (fr)
Chaises réglables.

Publication
EP 0250207 A2 19871223 (EN)

Application
EP 87305331 A 19870616

Priority
GB 8614651 A 19860616

Abstract (en)
The seat (2) of a chair is mounted on a base (1) by pivotal support members (10,11) which form, together with the seat and base, a quadrilateral linkage having generally horizontal axes extending transversely of the seat, the linkage extending generally between the front and rear of the seat. The spacing of the pivot axes of the support members (10,11) are selected so that the seat is movable relative to the base. Specifically, the seat portion (3) of the seat is movable between a rearwardly inclined lower position and a forward upper position. The back rest portion (4) of the seat (2) may be connected for movement with the rear-most one of the support members (11) so that it inclines relative to the seat portion (3) as the seat portion moves relative to the base. Resilient biasing means, as shown in the form of a gas spring (16), is provided for biasing the seat portion (3) to its forward upper position and for counterbalancing the weight of the user, the user then being able to move the seat portion (3) to its rearward position by adjustment of the user's position on the chair. Locking means may be provided separately or in association with the biasing means, operable by the user to lock the chair in a desired position.

IPC 1-7
A47C 1/032; **A47C 3/026**

IPC 8 full level
A47C 1/032 (2006.01)

CPC (source: EP)
A47C 1/03255 (2013.01); **A47C 1/03283** (2013.01)

Cited by
EP0368002A1; DE19728838C1; DE10064204A1; AU618067B2; US7281764B2; US5899530A; US6019429A; DE4409098A1; GB2293312A; GB2293312B; EP0645976A4; US5772282A; DE3737491A1; DE3737491C2; DE3737492A1; DE3737492C2; EP1060694A1; EP0888739A2; US8157326B2; WO8906101A1; US6945602B2; US6644741B2; US7721399B2

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