

Abstract

Synchronization mechanism

5 The invention concerns a synchronization mechanism for a correlated movement of seat and backrest of an office chair comprising a basic support placeable on a chair post, a seat support and a backrest support. To provide a synchronization mechanism for which an adjustment of a spring tension to
10 change the "tilting resistance" of the backrest is not required, a mechanism is proposed whereby the backrest support (4) that is pivotable around a swivel axis (9) is directly linked in a pivotable manner to the basic support (1) on the one hand, and to the rear end section of the seat
15 support (3) , on the other hand in such a manner that a backward tilt (S) of the backrest induces a lifting (H1) of the rear area of the seat support (3). At the same time, the seat support (3) is so linked to the basic support (1) as to cause a lifting (H2) of the front area of the seat support
20 (3). It is a basic idea of the invention that the user of the office chair "lifts" him/herself up by leaning against the backrest.

Fig. 1