

Abstract

Synchronizing mechanism

The invention relates to a synchronizing mechanism for a correlated seat/backrest movement of an office chair, having a base carrier (1), which can be placed on a chair column, a seat carrier (3) and a backrest carrier (4). In order to provide a synchronizing mechanism in which there is no need to adjust a spring force in order to change the "pivoting resistance" of the backrest, it is proposed that the backrest carrier (4), which can be pivoted about a transverse spindle, is connected on the one hand to the base carrier (1), via a first link (7), and on the other hand to the seat carrier (3), via a second link (25), such that a pivoting movement of the backrest in the rearward direction induces a raising movement of the rear region (32) of the seat carrier (3), and that the seat carrier (3) is connected to the base carrier (1) such that a raising movement of the front region (37) of the seat carrier (3) takes place at the same time. A basic idea of the invention is that the user of the office chair "raises" himself upwards by subjecting the backrest itself to loading.

Figure 1