

Abstract

A control method for controlling a modular furniture system (1) has two furniture modules (2) electrically and independently movable in a room. The furniture system (1) comprises a control computer (10) with at least one user interface. Each furniture module (2) is electrically driven by means of its own motor (8), a linear drive being provided by means of which each furniture module (2) can be moved individually in cooperation with its own motor (8). Each furniture module (2) further comprises a cable tension sensor system for position detection, wherein a mechanical force limiter (6) is interposed between the motor (8) and the linear drive. The movement of each furniture module (2) is controlled independently of the other furniture modules (2) by means of the control computer (10), and the furniture module (2) is moved by means of its motor (8) when the control computer (10) has received a user-side trigger command, the relevant furniture module (2) being controlled until an end position is reached without further user-side intervention and with the inclusion of a position signal from the cable tension sensor system. The relevant furniture module (2) is then stopped when a stop condition or an emergency stop condition is fulfilled.

Fig. 2