ROTARY ACTUATOR WITH DISPLAY FOR SEAT ADJUSTMENT

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ROTARY ACTUATOR WITH DISPLAY FOR SEAT ADJUSTMENT

**Technical task:**
The task of the invention is to adjust the vehicle seat by means of a rotary push button with display.

**Initial situation:**
In the future, there will be more and more adjustment levels for vehicle seats and these will become increasingly complex. For this reason, implementing the additional levels by means of additional buttons will lead to more complexity for the driver and is therefore not target-oriented.

**Solution:**
A rotary pushbutton with integrated display is suggested as a solution. By turning it, the various components (seat, backrest, headrest, etc.) are selected and by moving it (up, down, right, left) the adjustment is made. The adjustment speed can also be influenced (the stronger you press, the faster the adjustment speed). The suggested position is the armrest or the front part of the seat.

**Advantages:**
- Simple adjustment of several seat components via one input device
- Display of the selected seat component
- Manual setting of the adjustment speed
- Reduction of complexity