

Title (en)

DEVICE FOR CONTROLLING AN ADJUSTABLE DRIVE ELEMENT OF AN ADJUSTING DEVICE AND ADJUSTING DEVICE

Title (de)

VERFAHREN ZUR STEUERUNG EINES VERSTELLBAREN ANTRIEBSELEMENTS EINER VERSTELLVORRICHTUNG UND VERSTELLVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE D'UN ÉLÉMENT D'ENTRAÎNEMENT RÉGLABLE D'UN DISPOSITIF DE RÉGLAGE ET DISPOSITIF DE RÉGLAGE

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Application

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Abstract (en)

[origin: WO2011086011A1] The invention relates to a method for controlling an adjustable drive element of an adjusting device, wherein the drive element (5) drives an output element (4) by means of an intermediate part (3), the drive element (5), the intermediate part (3), and the output element (4) each are pivotally supported about a rotary axis (M), and wherein a drive side torque introduced by the drive element (5) is transmitted to the output element (4) by the intermediate part (3), while an output side torque introduced by the output element (4) is blocked by the intermediate part (3), having the following steps: Pivoting the drive element (5) in a first (S1; S2) of two potential and opposite adjusting directions (S1, S2) about the rotary axis (M) thereof, so that the drive element (5) acts in the first adjusting direction (S1; S2) on a section (31; 32) of the intermediate part (3) and a torque introduced into the intermediate part (3) by the drive element (5) via the segment (31; 32) of the intermediate part (3) is transmitted to the output element (4) to be driven, and stopping the drive element (5) when the output element (4) has reached an intended position (P2). According to the invention, the drive element (5) is pivoted into a neutral position in the second adjusting direction (S1; S2) opposite the first adjusting direction (S1; S2) by a prescribed distance (a) by the section (31; 32) of the intermediate part (3) by means of which the drive element (5) previously acted on the intermediate part (3), after the drive element (4) has reached the intended position (P2) thereof. The invention further relates to an adjusting device coupled to a controller implementing such a control method.

IPC 8 full level

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