

Title (en)
METHOD FOR ADJUSTING AN ACTUATOR

Title (de)
VERFAHREN ZUR REGELUNG EINES STELLGLIEDES

Title (fr)
PROCEDE POUR REGULER LE FONCTIONNEMENT D'UN ACTIONNEUR

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Application
EP 01927628 A 20010330

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Abstract (en)
[origin: WO0179662A1] The invention relates to an actuator (5) which is impinged by a force in one end position and is displaced into the other end position by an adjusting device (54) that is controlled using a pulse duration modulated signal. According to said invention, if a quasi-stationary condition is identified, in which despite repeated control intervention the actual position of the actuator lies outside a targeted range around the desired position, the retaining pulse duty factor which is used by the adjusting device (54) to maintain the actuator (5) in one position is modified based on the distance from the desired position. If a drift is identified, the drift behaviour is determined and the retaining pulse duty factor is modified according to said drift behaviour.

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Citation (search report)
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