

Title (en)

Method for the regulation of motor driven adjusting device in motor vehicle

Title (de)

Verfahren zur Regelung motorisch angetriebener Verstelleinrichtungen in Kraftfahrzeugen

Title (fr)

Procedé pour la régulation motorisée d'un dispositif de réglage pour véhicule automobile

Publication

EP 0974479 A2 20000126 (DE)

Application

EP 99250245 A 19990722

Priority

- DE 19835091 A 19980724
- DE 19916400 A 19990406

Abstract (en)

The adjusting arrangement control involves a partitioned transducer (1) of e.g. electromagnetic type coupled to a drive motor whose rotation rate signal is received by a detector (2) of e.g. Hall-sensor type, whose output (U1) is in turn evaluated by a control unit which accordingly sets the revolution rate of the motor. The tolerance-dependent properties of the transducer partitions (11-16) and e.g. detector threshold hystereses are accounted for during the detector output signal evaluation, by applying a test transducer movement of e.g. constant speed or acceleration.

Abstract (de)

Bei einem Verfahren zur Regelung motorisch angetriebener Verstelleinrichtungen in Kraftfahrzeugen mit einem partitionierten, mit der Motorwelle (10) verbundenen Signalgeber (1), insbesondere einem Multipolmagneten, mit mindestens einem dem Signalgeber (1) zugeordneten Sensor (2), insbesondere einem magnetosensitiven Element, und mit einer Elektroneinheit zur Auswertung der Sensorsignale (U1), werden die toleranzbedingten charakteristischen Eigenschaften der Signalgeberpartitionen bei der Auswertung der Sensorsignale berücksichtigt. <IMAGE>

IPC 1-7

B60J 7/057; G01P 21/02; G01P 3/487

IPC 8 full level

B60J 7/057 (2006.01); **E05F 15/16** (2006.01); **G01P 3/487** (2006.01); **G01P 21/02** (2006.01); **E05F 15/00** (2006.01)

CPC (source: EP US)

E05F 15/603 (2015.01 - EP US); **E05F 15/695** (2015.01 - EP US); **E05F 15/697** (2015.01 - EP US); **E05F 15/40** (2015.01 - EP US); **E05Y 2400/336** (2013.01 - EP US); **E05Y 2400/342** (2013.01 - EP US); **E05Y 2400/502** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US); **Y10S 388/902** (2013.01 - EP US)

Citation (applicant)

US 5404673 A 19950411 - TAKEDA HITOSHI [JP], et al

Cited by

DE102015216616A1; EP1148320A3; DE102005019515C5; DE102004039739A1; EP1394345A3; DE102007030432A1; DE102006019871A1; DE102006019871B4; CN102782239A; US8433538B2; DE102007030432B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0974479 A2 20000126; **EP 0974479 A3 20000209**; **EP 0974479 B1 20030813**; DE 19916400 C1 20000525; DE 59906568 D1 20030918; ES 2205707 T3 20040501; US 6225770 B1 20010501

DOCDB simple family (application)

EP 99250245 A 19990722; DE 19916400 A 19990406; DE 59906568 T 19990722; ES 99250245 T 19990722; US 36060199 A 19990726