

Title (en)

ASSEMBLY ELEMENT IN AN ADJUSTMENT ELEMENT WHICH IS ESPECIALLY FITTED WITH A SMALL-POWER MOTOR

Title (de)

MONTAGEELEMENT IN EINEM INSBESONDERE MIT EINEM KLEINMOTOR AUSGESTATTETEN STELLELEMENT

Title (fr)

ELEMENT DE MONTAGE DANS UN ELEMENT DE REGLAGE NOTAMMENT EQUIPE D'UN MOTEUR DE FAIBLE PUISSANCE

Publication

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Application

EP 01991769 A 20011130

Priority

- DE 10064803 A 20001222
- EP 0113993 W 20011130

Abstract (en)

[origin: WO02052700A1] In order to fit a motor (12) in a housing (16) for an adjustment element, the motor (12) needs to be only axially introduced into a pot-shaped holding receiver (17). Said receiver (17) is then covered on the drive side by means of an assembly element (21) which is essentially in the form of a ring disk, and which, in order to obtain axial tolerance compensation, is supported opposite the housing by means of a spring arm (28) arranged in a crown-shaped manner. Said assembly element positively engages with the end shield (25) of the motor (12) and with the housing (16), in order to harness the torque. The axial connections (26) between the motor (12) and the assembly element (21) are used simultaneously, in terms of the position, the cross-section and/or depth of contact, for coding the motor classification by the assembly element (21). The geometrically complex, extruded assembly element (21) preferably forms one single part with its spring arms, coding knobs or recesses, and supporting legs, is formed from non-electroconductive plastic, and can be fitted with a holding system (32) for a sensor (33), near the passage of the output shaft (14), said sensor being electrically connected to a sensor cable (20) on the assembly element (21).

IPC 1-7

H02K 5/04

IPC 8 full level

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CPC (source: EP US)

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