

Title (en)

CONTROL STRUCTURE FOR THE ADJUSTING MOTOR OF AN ELECTRIC CAMSHAFT ADJUSTER

Title (de)

REGELSTRUKTUR FÜR DEN VERSTELLMOTOR EINES ELEKTRISCHEN NOCKENWELLENVERSTELLERS

Title (fr)

STRUCTURE DE REGULATION POUR LE SERVOMOTEUR D'UN DISPOSITIF DE REGLAGE D'ARBRE A CAME ELECTRIQUE

Publication

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Application

EP 03740391 A 20030701

Priority

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Abstract (en)

[origin: WO2004007919A1] The invention relates to a control structure for the adjusting motor (8) of an electric camshaft adjuster (6) in an internal combustion engine (1). Said control structure comprises a controller (19) which processes measuring signals of the internal combustion engine (1) to control data for the adjusting motor (8). A controller (19) which has meaningful values for the adjusted setpoint rotational speed of the adjusting motor (8) even when the input differential signal has a zero value, is obtained by applying the signal of an uncontrolled rotational speed (21) to the output signal (20) of a controlled setpoint rotational speed.

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