

Title (en)

METHOD FOR CORRECTING THE POSITION OF THE ANGULAR MARKS OF AN INCREMENTAL WHEEL OF A ROTATIONAL SPEED SENSOR AND/OR AN ANGLE OF ROTATION SENSOR, AND SYSTEM THEREFOR

Title (de)

VERFAHREN ZUR KORREKTUR DER POSITION DER WINKELMARKEN EINES INKREMENTRADES EINES DREHZAL- UND/ODER DREHWINKELSENSORS UND SYSTEM HIERZU

Title (fr)

PROCEDE POUR CORRIGER LA POSITION DES MARQUES ANGULAIRES D'UNE ROUE INCREMENTIELLE D'UN CAPTEUR DE VITESSE DE ROTATION ET/OU D'ANGLE DE ROTATION ET SYSTEME ASSOCIE

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Application

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Abstract (en)

[origin: DE10241893A1] Method for compensation correcting of the position of angle markers on the incremental wheel (2) of an angular position or velocity sensor (1-4) for a combustion engine is based on measurement of actual angle marker positions and measurement of cylinder pressures during the combustion cycle. Matching pressure and angle positions are stored in a look-up table and the angle values are compensated based on comparison with ideal angle and pressure values. The invention also relates to a corresponding system.

IPC 8 full level

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