

Title (en)
METHOD FOR DETERMINING AN OFFSET OF AN OUTPUT SIGNAL OF AN EVALUATION CIRCUIT INTEGRATED IN A PRESSURE SENSOR
INSTALLED IN A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE, AND A SENSOR

Title (de)
VERFAHREN ZUR BESTIMMUNG EINES OFFSETS EINES AUSGANGSSIGNALES EINER, IN EINEM SENSOR INTEGRIERTEN
AUSWERTESCHALTUNG, EINES IN EINEM BRENNRAUM EINER BRENNKRAFTMASCHINE VERBAUTEN DRUCKSENSORS UND EIN
SENSOR

Title (fr)
PROCÉDÉ POUR LA DÉTERMINATION D'UN DÉCALAGE D'UN SIGNAL DE SORTIE D'UN CIRCUIT D'ÉVALUATION INTÉGRÉ DANS UN
CAPTEUR DE PRESSION IMPLANTÉ DANS UNE CHAMBRE DE COMBUSTION D'UN MOTEUR À COMBUSTION, ET UN CAPTEUR

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Abstract (en)
[origin: WO2013164273A1] The invention relates to a method for determining an offset of an output signal of an evaluation circuit integrated in a sensor, preferably of a combustion chamber pressure sensor (8) installed in a combustion chamber (3) of an internal combustion engine (4), in which combustion chamber pressure sensor the output signal (A) is fed to a control unit (7), which evaluates the output signal (A), wherein a reset (R) of the evaluation circuit (9) for calibrating the output signal (A) to a base level is performed before each measurement process of the sensor (8). In a method in which the offset of the output signal can be determined especially accurately and simply, the control unit (7) determines the offset of the output signal (A) of the evaluation circuit (9) as a result of a start signal output by the evaluation circuit (9).

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