Title (en)
METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM STEUERN EINER BRENNKRAFTMASCHINE

Title (fr)
PROCEDE POUR COMMANDER UN MOTEUR A COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2004074646A1] The invention relates an internal combustion engine comprising a camshaft, whereby the phase thereof can be adjusted in relation to the crankshaft by means of an adjusting device. The invention also comprises a camshaft sensor which detects the angle of the camshaft (CRK) and a crankshaft sensor which detects the angle of the crankshaft (CAM). Said method comprises the following steps: A reference value (PH AD) of the phase is adapted in a predetermined position of the adjusting device when a predetermined condition is fulfilled. A measuring value (PH S) of the phase is determined according to the detected angle of the crankshaft (CRK) and the angle of the camshaft (CAM). A corrected measuring value of the phase is determined according to the reference value (PH AD) and the measuring value (PH S) of the phase. An actuator signal for controlling the internal combustion engine is determined according to the corrected measuring value.

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