Title (en)
METHOD FOR DETERMINING CYLINDER-INDIVIDUAL ROTATIONAL CHARACTERISTIC VARIABLES OF A SHAFT OF AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUR ERMITTLUNG ZYLINDERINDIVIDUELLER DREHKENNGRÖßEN EINER WELLE EINES VERBRENNUNGSMOTORS

Title (fr)
PROCEDE DE DETERMINATION DE CARACTERISTIQUES DE ROTATION PROPRES AUX CYLINDRES, D'UN ARBRE D'UN MOTEUR A COMBUSTION INTERNE

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Application
EP 06777659 A 20060707

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Abstract (en)
[origin: WO2007012555A1] A method for operating an internal combustion engine (10) is proposed, in which method a first rotational characteristic variable (wl) is measured at a first end (24) of a shaft (12) of the internal combustion engine (10) and cylinder-individual rotational characteristic variables (MFl, wZl, KWW_Z1, MRl, ..., MFn, wZn, KWW_Zn, MRn) are determined using the first rotational characteristic variable (wl). The method is distinguished by the fact that a second rotational characteristic variable (w2) is measured at a second end (26) of the shaft (12) and the cylinder-individual rotational characteristic variables (MFl, wZl, KWW_Z1, MRl, ..., MFn, wZn, KWW Zn, MRn) are determined using the first rotational characteristic variable (wl) and the second rotational characteristic variable (w2). Furthermore, a control unit (22) is proposed which controls the method.

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