Title (en)

METHOD AND DEVICE FOR DETERMINING THE PHASE POSITION OF A CAMSHAFT OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTELN EINER PHASENLAGE EINER NOCKENWELLE EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER LA POSITION DE PHASE DE L'ARBRE A CAMES D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 04787225 A 20040927

Priority

• EP 2004052326 W 20040927
• DE 10347516 A 20031013

Abstract (en)

[origin: WO2005038225A1] The invention relates to an internal combustion engine comprising a crankshaft, a camshaft and an adjusting device, which is used to adjust the phase position (PH) of the camshaft in relation to the crankshaft. The phase position (PH) is determined in accordance with a detected crankshaft angle (CRK) and a recorded camshaft angle (CAM). A filter coefficient (FF3) of a filter is determined in accordance with the amplitude (AMP) of an oscillation of the phase position (PH) and the modification (DELTA) of said phase position (PH). A filtered phase position (PH_FIL) of the determined phase position (PH) is calculated using the filter.

IPC 8 full level

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CPC (source: EP US)

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