

Title (en)

SYSTEM AND METHOD FOR DETECTING AND INFLUENCING THE PHASE POSITION OF AN INTERNAL COMBUSTION ENGINE

Title (de)

EINRICHTUNG UND VERFAHREN ZUR ERKENNUNG UND BEEINFLUSSUNG DER PHASENLAGE BEI EINER BRENNKRAFTMASCHINE

Title (fr)

SYSTEME ET PROCEDE PERMETTANT D'IDENTIFIER ET D'INFLUENCER LA POSITION DE PHASE DANS UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1129280 A1 20010905 (DE)

Application

EP 00952934 A 20000713

Priority

- DE 0002291 W 20000713
- DE 19934112 A 19990721

Abstract (en)

[origin: DE19934112A1] The device has a pressure sensor (8) for detecting the phase angle of the engine (6) whose pressure signal has a characteristic variation when blow-back occurs with compression counter pressure of the fuel-air mixture in an injection valve (5) for a false phase angle of the ignition and injection offset by 360 degrees crankshaft. The pressure signal is fed to a controller that performs a 360 degree crankshaft synchronization change. An Independent claim is also included for a method of controlling or regulating internal combustion engine with camshaft and a crankshaft.

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F02D 41/38

IPC 8 full level

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CPC (source: EP US)

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