

Title (en)

METHOD FOR SYNCHRONISING THE ELECTRONIC CONTROL SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)

SYNCHRONISATIONSVERFAHREN FÜR DAS ELEKTRONISCHE REGELSYSTEM EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE SYNCHRONISATION DU SYSTEME ELECTRONIQUE DE COMMANDE DE MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Priority

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- FR 9612685 A 19961018

Abstract (en)

[origin: FR2754852A1] The invention concerns a method for producing a synchronising signal for the electronic control system of an internal combustion engine, characterised in that it comprises the following steps: a) working out a synchronising signal in phase with a signal locating the passage of the pistons in a predetermined position, said synchronising signal being arbitrarily initialised; b) monitoring the operation of the engine when the predetermined conditions are fulfilled; c) modifying the control parameters of the engine for at least two given cylinders of which the operating cycles are out-of-phase by two working strokes; d) computing for the cylinders concerned an algebraic quantity representing the variations in combustion levels; e) deducing from this algebraic quantity the exactitude of the synchronising signal and correcting it if the arbitrary initialisation turns out to be erroneous.

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CPC (source: EP)

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