Title (en)
DETERMINING INJECTION TIMING IN A FOUR STROKE CYCLE HEAT ENGINE

Title (de)
BESTIMMUNG DES EINSPRITZZEITPUNKTS IN EINEM VIERTAKTZYKLUS EINES VERBRENNUNGSMOTORS

Title (fr)
DETERMINATION DU CALAGE DE L' INJECTION DANS UN MOTEUR THERMIQUE A CYCLE A QUATRE TEMPS

Publication
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Application
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Abstract (en)
[origin: WO2007010129A1] The invention concerns a method for determining the timing of an injection cycle relative to an operating cycle of a four-stroke engine (ECH, ADM, COMP, DET), the timing being possibly correct or wrong, the method including the step of operating the engine while modifying a first operating parameter of the engine adapted to bring about on the engine operating effects which are different depending on whether the timing is correct or wrong; it consists in simultaneously modifying a second operating parameter of the engine adapted to bring about on the engine operating mode effects which compensate the effects modifying the first operating parameter of the engine when the timing is correct, and which do not compensate the efforts modifying the first operating parameter of the engine when the timing is wrong.

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