

Title (en)

METHOD FOR MEASURING THE FUEL PRESSURE IN AN INJECTION TRAIN OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR KRAFTSTOFFDRUCKMESSUNG IM BRENNSTOFFVERTEILER EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE MESURE DE LA PRESSION DE CARBURANT DANS UNE RAMPE A INJECTION D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Priority

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Abstract (en)

[origin: FR2799544A1] The injectors (6i) allocated to the cylinders are supplied with fuel by a common injection train and their opening time is calculated and controlled by a computer. According to the invention, a) any possible overlap in the opening time of at least two injectors (6i) is detected, b) in the absence of an overlap, the fuel pressure in the train outside the opening time of the injector concerned is determined, c) if an overlap is present, the pressure of the fuel when the injector concerned is opened is determined and d) the measurement established is corrected according to a predetermined variation in the pressure of the fuel caused by the injector(s) opening.

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