

Title (en)

METHOD FOR CONTROLLING THE AMOUNT OF FUEL INJECTED IN A DIRECT INJECTION INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR STEUERUNG DER EINGESPRITZTEN KRAFTSTOFFMENGE IN EINE DIREKTEINSPRITZBRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE COMMANDE DE LA QUANTITE DE CARBURANT INJECTE DANS UN MOTEUR A COMBUSTION INTERNE A INJECTION DIRECTE

Publication

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Application

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Abstract (en)

[origin: WO0220968A1] The invention concerns a method which consists in using an injector supplied with fuel whereof the pressure (Pcarb) is an increasing function of the amount of fuel (Q) to be injected, the opening of the injector being electromagnetically triggered by energizing the electric coil integral with the injector with a current peak of predetermined duration (T1). The invention is characterised in that the duration (T1) of the current peak in an increasing function of the pressure (Pcarb) of the fuel. Thus, the dynamics of the injector is increased.

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