

Title (en)

FUEL INJECTION CONTROL DEVICE AND METHOD FOR AN INTERNAL COMBUSTION ENGINE OF A VEHICLE

Title (de)

KRAFTSTOFFEINSPRITREGLER UND VERFAHREN FÜR EINEN VERBRENNUNGSMOTOR EINES FAHRZEUGES

Title (fr)

DISPOSITIF DE COMMANDE D'INJECTION DE CARBURANT POUR MOTEUR À COMBUSTION INTERNE, PROCÉDÉ DE COMMANDE D'INJECTION DE CARBURANT POUR MOTEUR À COMBUSTION INTERNE, ET VÉHICULE

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Application

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Priority

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Abstract (en)

[origin: WO2012014034A1] An electronic control unit (10) is applied to a diesel engine equipped with two drive circuits (11 and 12), each of which drives an injector (INJ1 - INJ8) to change an amount of driving energy applied to the injector on the basis of an engine operating state. At the time of changing the amount of driving energy, the electronic control unit (10) causes the drive circuit (11, 12) that is executing fuel injection to accomplish the fuel injection at the pre-changed amount of driving energy, and changes the amount of driving energy of the drive circuit (11, 12) that is not executing fuel injection. With a fuel injection control device for an internal combustion engine, equipped with the electronic control unit (10), it is possible to change the amounts of driving energy for driving the two drive circuits (11, 12) without any deviation of the fuel injection amount.

IPC 8 full level

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