

Title (en)

ELECTRONIC FUEL-SUPPLY CONTROL SYSTEM FOR AN INTERNAL-COMBUSTION ENGINE.

Title (de)

ELEKTRONISCHES STEUERSYSTEM FÜR DIE KRAFTSTOFFZUMESSUNG BEI EINER BRENNKRAFTMASCHINE.

Title (fr)

SYSTEME DE COMMANDE ELECTRONIQUE POUR LE DOSAGE DE CARBURANT DANS LE CAS D'UN MOTEUR A COMBUSTION INTERNE.

Publication

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Application

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Priority

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- DE 9000774 W 19901012

Abstract (en)

[origin: WO9108390A1] The system proposed includes means for determining a basic injection-quantity signal and a transitional compensation signal for regulating the measured amount of fuel when accelerating and decelerating. Depending on engine load and rpm, a cylinder-wall fuel-film signal and a control-factor signal (Tk) are generated, and the transitional compensation signal takes into account both the cylinder-wall fuel-film signal and the control-factor signal. The control-factor signal can either be extracted from a characteristic plot or be two discrete values. The system proposed gives optimum transitional behaviour as regards engine exhaust characteristics.

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IPC 8 full level

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