

Title (en)

METHOD OF CONTROLLING THE FUEL SUPPLY IN A COMBUSTION ENGINE WITH SELF-IGNITION

Publication

EP 0089482 B1 19861112 (DE)

Application

EP 83101319 A 19830211

Priority

DE 3209433 A 19820316

Abstract (en)

[origin: US4516550A] An electronic control device is proposed for a Diesel fuel metering system, in which at the onset of the starting procedure, a constant fuel quantity is pre-specified at first, and this quantity subsequently increases in steps or in a ramp-like manner. Above a predetermined rpm or starting quantity, an rpm-dependent reduction in quantity takes place, to 90% of the full-load quantity. The open-loop or closed-loop control of the starting quantity ends upon the attainment of a speed of 800 rpm, for example. Both an analog and a computerized realization of the control device are provided, and the control device according to the invention is capable of dispensing with the processing of a temperature signal and can thus dispense with the use of one temperature sensor.

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IPC 8 full level

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