

Title (en)

Device for controlling at least one electromagnetic consumer

Title (de)

Verfahren und Vorrichtung zur Ansteuerung wenigstens eines elektromagnetischen Verbrauchers

Title (fr)

Dispositif de pilotage d'au moins un consommateur électromagnétique

Publication

EP 0854281 B1 20030108 (DE)

Application

EP 97117597 A 19971010

Priority

DE 19701553 A 19970117

Abstract (en)

[origin: EP0854281A2] The method of controlling at least one electromagnetic load (100), especially a solenoid valve for fuel injection in an internal combustion engine, involves dividing the injection into at least a first and a second part-injection. The stored charge (145) at the beginning of the control is transferred into the load and in the store, a part-charge remains with the first part-injection. This part-charge is transferred into the load with a following part-injection. The remaining part-charge is dimensioned so that with the following part-injection it suffices for an accelerated switch-on process. The part-charge remaining in the store together with the charge being released with the end of the first part-injection suffices for an accelerated switch-on process for the following part-injection.

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F02D 41/20

IPC 8 full level

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CPC (source: EP)

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Cited by

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