

Title (en)
CONTROL DEVICE FOR ELECTROMAGNETICALLY TIME-CONTROLLED INJECTION VALVES

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EP 0195194 A3 19880217 (DE)

Application
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DE 3510157 A 19850321

Abstract (en)
[origin: EP0195194A2] In a device for the time-controlled activation of electromagnetically actuatable fuel injection valves of internal-combustion engines, the injection electronics provided open the fuel injection valve by means of a current pulse as a function of a control variable, the air quantity. Since the quantity of fuel metered in for a current pulse of predetermined duration depends on the characteristic of the fuel injection valve, i.e. deviations from a setpoint characteristic, an electrical resistor (16) is arranged on each fuel injection valve (1-14), the said resistor being dimensioned in proportion to the characteristic quantity, or deviation from the setpoint characteristic quantity, of the fuel injection valve. The resistor is connected to the injection electronics (18, 22) for influencing the injection time, in order to compensate the deviations of the characteristic from a setpoint. <IMAGE>

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Citation (search report)
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