

Title (en)

CONTROL METHOD AND ELECTRONICALLY CONTROLLED METERING SYSTEM FOR AN INTERNAL-COMBUSTION MOTOR

Publication

EP 0054112 B1 19880330 (DE)

Application

EP 81107657 A 19810926

Priority

DE 3046863 A 19801212

Abstract (en)

[origin: US4508082A] An electronically controlled fuel metering system for an internal combustion engine is proposed which includes devices for damping engine jerking. The following signals are formed: $t_i(k)$ as the up-to-date load value; t_iM as the up-to-date averaged load value; $t_i(k-1) + \Delta t_i/2$ as a special load value for use in a transition into overrunning; and $t_iM + \Delta t_iM/2$ for the purpose of successive approximation of the average value to up-to-date load values in the case of slow acceleration processes and flat courses of load reduction. A computer-controlled realization is possible for forming and selecting the individual values. A block circuit diagram is also provided for an electronically controlled fuel metering system made up of discrete modular elements.

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CPC (source: EP US)

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Citation (examination)

DE 2815067 A1 19791018 - BOSCH GMBH ROBERT

Cited by

EP0153493A3; EP0112673A1; DE3415214A1; EP0240988A3; EP0133426A3; US6737044B1; US7481995B2; EP0106366B1; EP0127510B1; EP0286644B1; EP0243041B1; EP0243042B1

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