

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;  $t_i(k-1) + \text{DELTA } t_i/2$  as a special load value for use in a transition into overrunning; and  $t_iM + \text{DELTA } t_iM/2$  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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**F02D 41/04**

IPC 8 full level

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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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