

Title (en)
FUEL METERING SYSTEM FOR INTERNAL COMBUSTION ENGINES

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Application
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Priority
DE 3711398 A 19870404

Abstract (en)
[origin: WO8808077A1] In a fuel metering system for internal combustion engines, fuel metering is arrested during engine overrunning, but after overrunning, it is increased briefly above the metered quantity required for normal operation at the instantaneous operating point of the internal combustion engine, in order to accelerate, by means of this fuel enrichment, the reformation of the fuel film in the inlet tube without adversely affecting the composition of the fuel-air mixture. Precise metering of the fuel enrichment is achieved using the "rich mixture" output signal of a lambda sensor (21) as the cut-out criterion for the fuel enrichment.

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Citation (examination)
• PATENT ABSTRACTS OF JAPAN; BAND 8; NR: 76 (M-288)(1513); 9.April 1984, & JP A 58222928 (TOYOTA JIDOSHA KOGYO K.K.) 24.DECEMBER 1983
• PATENT ABSTRACTS OF JAPAN; BAND 8; NR. 170 (M-315)(1607); 7. AUGUST 1984; & JP A 5965537 (HITACHI SEISAKUSHO K.K.) 13. APRIL 1984
• PATENT ABSTRACTS OF JAPAN; BAND8; NR. 64 (M-S85) (1501); 27.MAERZ 1984; & JP A 58214626 (TOYOTA JIDOSHA KOGYO K.K.) 13.DECEMBER 1983

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