

Title (en)

Method and apparatus for monitoring the flow restrictor of the fuel supply of an engine

Title (de)

Verfahren und Vorrichtung zur Überwachung eines Durchflussbegrenzers eines Kraftstoffzumesssystems einer Brennkraftmaschine

Title (fr)

Méthode et dispositif pour surveiller le limiteur de débit de l'alimentation en carburant d'un moteur à combustion

Publication

**EP 0828069 A3 20000223 (DE)**

Application

**EP 97109450 A 19970611**

Priority

DE 19632339 A 19960810

Abstract (en)

[origin: EP0828069A2] The monitoring method monitors the through flow limiters (180-183) arranged respectively between the fuel storage vessel (160) and each fuel injector (120-123) of a four cylinder IC engine (100) across a common fuel supply rail. Each limiter prevents a fuel flow to each cylinder, if the injected fuel amount exceeds a specific value. In determined operations for monitoring the through flow limiter, the injector is controlled in such a manner, that the injector releases an injected amount of fuel, which exceeds the specified limiting value. Then emanating from the reaction of the engine, is monitored whether the through flow limiter stops the flow of fuel.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DA] US 4905645 A 19900306 - BONSE BERNHARD [DE], et al
- [A] FR 2641327 A1 19900706 - BOSCH GMBH ROBERT [DE]

Cited by

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DOCDB simple family (application)

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