

Title (en)

METHOD OF INTERRUPTING FUEL INJECTION INTO AN INTERNAL-COMBUSTION ENGINE DURING DECELERATION

Publication

EP 0127510 B1 19871216 (FR)

Application

EP 84400898 A 19840503

Priority

FR 8307971 A 19830513

Abstract (en)

[origin: US4558672A] A process whereby fuel injection is interrupted in response to detection of a deceleration and injection is again ordered when a threshold linked to the engine speed is reached. The engine speed (N) or period of rotation (T) is measured from consecutive equal intervals or angles of rotation. A difference (DELTA T, DELTA N) is then computed between the value of the last measured speed or period and the value seen through a high-pass filter of the speed or period measured at the preceding interval. This difference (DELTA T, DELTA N) is compared with a fixed threshold (S) and if an engine deceleration condition is detected, fuel injection is again ordered when the difference (DELTA T, DELTA N) is greater than the threshold (S).

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F02D 41/26

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CPC (source: EP US)

F02D 41/123 (2013.01 - EP US); **F02D 41/26** (2013.01 - EP US)

Citation (examination)

- EP 0054112 A2 19820623 - BOSCH GMBH ROBERT [DE]
- US 4130095 A 19781219 - BOWLER LAUREN L, et al

Cited by

EP1387078A4; EP0352051A3

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

EP 0127510 A1 19841205; **EP 0127510 B1 19871216**; DE 3468133 D1 19880128; FR 2545878 A1 19841116; FR 2545878 B1 19870911; US 4558672 A 19851217

DOCDB simple family (application)

EP 84400898 A 19840503; DE 3468133 T 19840503; FR 8307971 A 19830513; US 60986384 A 19840514