

Title (en)

Process for optimizing the restart injection in a fuel injected engine.

Title (de)

Optimierungsverfahren der Einspritzung für das Wiederaufstarten einer mit Kraftstoff eingespritzten Brennkraftmaschine.

Title (fr)

Procédé d'optimisation de l'injection au redémarrage à injection de carburant.

Publication

EP 0442819 B1 19931208 (FR)

Application

EP 91400390 A 19910215

Priority

FR 9001843 A 19900215

Abstract (en)

[origin: EP0442819A1] Process for optimizing the functioning of a multi-cylinder, fuel-injection engine for motor vehicles, characterised in that it consists in injecting, during the period of a start-up (n+1), a quantity (Q_{n+1}) of fuel into the engine equal to a theoretical quantity (Q₀) calculated as a function of the speed of rotation and of the temperature of the engine at the start-up, multiplied by a correction factor (F_{c<n+1>}) which is determined by repetition on the basis of: - the value of the correction factor (F_{c<n>}) determined during the previous start-up (n) - the stoppage or rest time (t_{<n>}) between the moment of its last stoppage (T_{s<n>}) and the moment of the starting (T_{d<n+1>}). r

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