

Title (en)

Electronic system for computing injection time

Title (de)

Elektronisches System zur Berechnung der Einspritzdauer

Title (fr)

Système électronique pour calculer la durée d'injection

Publication

EP 0625635 B1 19970806 (EN)

Application

EP 94107599 A 19940516

Priority

IT BO930213 A 19930517

Abstract (en)

[origin: EP0625635A1] An electronic system comprising first computing means (42, 140) supplied with a number of information signals (X_1, \dots, X_N, Q_t) measured in the engine and generating an injection time (T) computed on the basis of a characteristic ($T = F(X_1, \dots, X_N, Q_t)$) depending on the aforementioned signals; means (50, 56, 150, 180) for processing an expansion of the characteristic, which expansion is computed, as a function of a previously computed injection time and of a first value (Q_t) of the significant information signal used for computing the injection time, about the first value (Q_t) of the significant signal; and second computing means (56, 180) supplied with the expansion of the characteristic and with a second value (Q_{t+1}) of the significant signal, and generating an approximate injection time (T_n) computed as a function of the expansion of the characteristic and of the second value of the significant signal. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

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