Title (en)

Apparatus to determine a load signal for a combustion engine

Title (de)

Einrichtung zum Bestimmen eines Lastsignals bei einer Brennkraftmaschine

Title (fr)

Dispositif pour déterminer un signal de charge pour un moteur à combustion interne

Publication

EP 0737805 B1 20010103 (DE)

Application

EP 96100962 A 19960124

Priority

DE 19513975 A 19950413

Abstract (en)

[origin: EP0737805A2] The load signal device provides a load signal representing the actual air mass supplied to the engine for each stroke using signals representing the momentary air flow through the air intake pipe, which are summated over a given angular range of the engine crankshaft. The load signal is used directly for calculating the quantity of fuel to be injected in a given engine rev range and throttle position range, with correction of the last value provided for the latter range in dependence on the revs for a second rev range, to provide a replacement load signal.

IPC 1-7

F02D 41/18; F02D 41/04

IPC 8 full level

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EP 0737805 A2 19961016; **EP 0737805 A3 19980211**; **EP 0737805 B1 20010103**; DE 19513975 A1 19961017; DE 59606262 D1 20010208; JP H08284736 A 19961029; US 5727526 A 19980317

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EP 96100962 A 19960124; DE 19513975 A 19950413; DE 59606262 T 19960124; JP 8974796 A 19960411; US 62812196 A 19960404