



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
13.01.1999 Bulletin 1999/02

(51) Int. Cl.⁶: F02D 41/32, F02D 41/04

(43) Date of publication A2:
30.10.1996 Bulletin 1996/44

(21) Application number: 96106460.7

(22) Date of filing: 24.04.1996

(84) Designated Contracting States:
DE FR IT

(30) Priority: 24.04.1995 JP 98984/95

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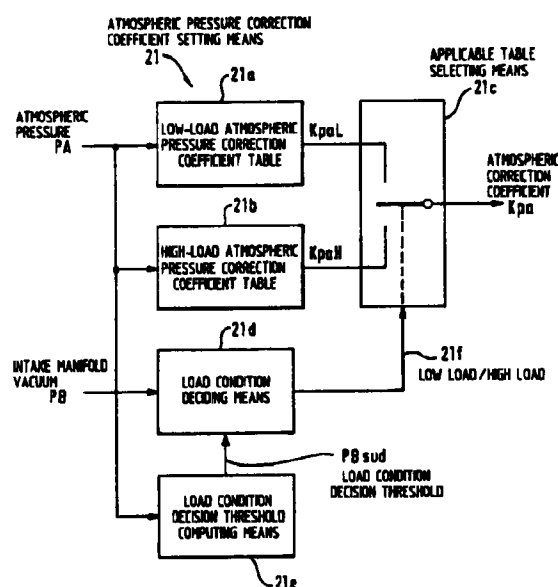
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(54) Electronic fuel injection control device

(57) To perform correction of a fuel injection amount according to atmospheric pressure PA with a high precision over the whole range from a low-load condition to a high-load condition of an engine 4 even when the engine 4 is a multiple throttle valve type engine.

In an electronic fuel injection control device 1 for performing correction of a basic fuel injection amount set according to intake manifold vacuum PB, according to atmospheric pressure, atmospheric pressure correction coefficient setting means 21 includes atmospheric pressure correction coefficient tables 21a and 21b preliminarily storing atmospheric pressure PA correction coefficients KpaL and KpaH respectively for a low-load condition and a high-load condition, and applicable table selecting means 21c. Load condition deciding means 21d decides an engine load condition according to intake manifold vacuum PB, and the applicable table selecting means 21c selects either the atmospheric pressure correction coefficient KpaL or KpaH according to a decision output 21f from the load condition deciding means 21d. Load condition decision threshold computing means 21e can vary a load condition decision threshold PBsud according to atmospheric pressure PA.

Fig. 6





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 6460

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 4 708 115 A (YAMATO AKIHIRO ET AL) 24 November 1987	1	F02D41/32 F02D41/04
Y	* abstract * * figures 1-4 * * column 2, line 5 - line 68 * * column 4, line 28 - column 6, line 37 *	2	
Y	US 4 376 431 A (YOKOOKU KATSUHIKO ET AL) 15 March 1983 * abstract * * figure 1 * * column 2, line 56 - column 3, line 58 * * column 5, line 17 - line 48 * * column 6, line 39 - column 7, line 7 * * column 9, line 18 - line 54 *	2	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 122 (M-476), 7 May 1986 & JP 60 249633 A (HONDA GIKEN KOGYO KK), 10 December 1985 * abstract *	1	
A	US 5 095 877 A (KIKUCHI TOSHIKI ET AL) 17 March 1992 * abstract * * figure 1 * * column 2, line 15 - column 3, line 9 * * claim 1 *	1,2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 November 1998	Examiner Trotureau, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03 82 (P04C01)