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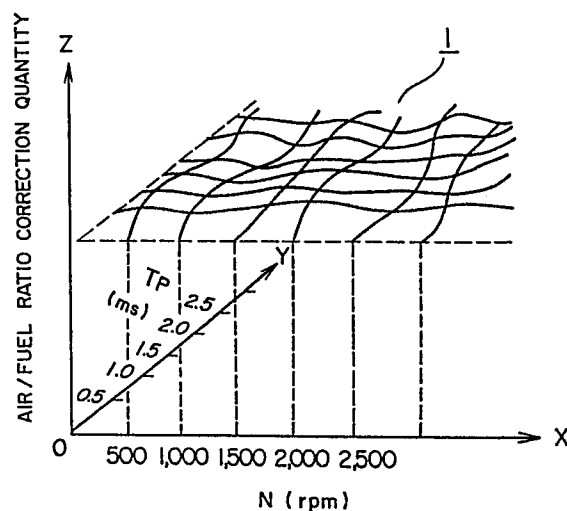
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⑫ **Fuel control method and apparatus therefor.**

⑫ Disclosed is a fuel-injection system controlling method and an apparatus therefor, in which a running status of an engine (5) is successively detected so as to determine a fuel-injection time on the basis of a fuel-injection pulse width and a quantity of pulse width correction in accordance with the detected engine running status. In the method and apparatus, there is provided a map (I) having a plurality of areas corresponding to various running statuses of the engine (5), each of said areas having a quantity of pulse width correction written therein, so that when the engine running status has varied from a certain one area to another one of the map, the boundary of the certain one area is expanded by a predetermined quantity, and if a current engine running status exists in the area encircled by the expanded boundary the pulse width correction quantity is not changed but if the current engine running status exists in a different area outside the area encircled by the expanded boundary the final fuel-injection pulse width is determined on the basis of the pulse width correction quantity written in the different area.

FIG. 1





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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. 4)
Y	PATENT ABSTRACTS OF JAPAN, vol. 7, no. 217 (M-245)[1362], 27th September 1983; & JP-A-58 110 838 (MITSUBISHI JIDOSHA KOGYO K.K.) 01-07-1983; * Whole document *	1,3-6	F 02 D 41/34 F 02 D 41/14 F 02 D 41/24
Y	GB-A-2 116 333 (HASEGAWA) * Figure 24; page 13, lines 25-59 *	1,3-6	
A	US-A-4 413 602 (INOUE et al.) * Column 1, line 1 - column 2, line 2; column 3, line 40 - column 4, line 31 *	1,3-5	
A	GB-A-2 066 513 (HONDA GIKEN KOGYO K.K.) * Page 1, line 1-81; figure 4; page 2, line 20 - page 3, line 110; figure 3 *	1,3-5	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) F 02 D
A	US-A-4 466 411 (HASEGAWA et al.) * Column 1, line 1 - column 3, line 48 *	1,3-5	
A,D	EP-A-0 145 992 (HITACHI) * page 12, lines 2-7 *	2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-09-1987	Examiner GAGLIARDI P.
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			