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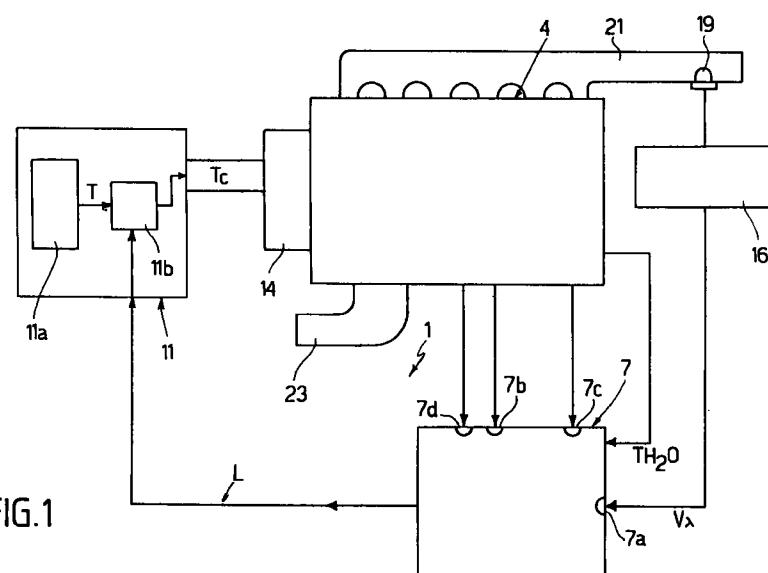
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(54) Electronic system for calculating mixture strength

(57) System for calculating mixture strength in which an electronic panel (7) is capable of comparing the voltage generated by exhaust gas sensors, in particular from a lambda probe (19) located in the exhaust manifold (21) of a petrol engine (4), with a threshold value (Str) such as to distinguish between a first and a

second state (rich state/lean state), corresponding to an air/petrol mixture supplied to the engine which contains more or less petrol, respectively, than is required by the stoichiometric ratio. The system enables this threshold to be updated periodically.



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EUROPEAN SEARCH REPORT

Application Number
EP 98 10 5228

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)
Y	US 4 459 669 A (CHUJO ET AL) 10 July 1984 * column 2, line 1 - column 5, line 65 * -----	1	F02D41/14
Y	FR 2 592 685 A (REGIE NATIONALE DES USINES RENAULT) 10 July 1987 * page 2, line 33 - page 3, line 15 * * page 6, line 18 - line 22; claims 1,4 * -----	1	
A	US 4 491 921 A (SUGIXAMA ET AL) 1 January 1985 * column 2, line 51 - column 7, line 56 * -----	1	
TECHNICAL FIELDS SEARCHED (Int.Cl.6)			
F02D			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	6 July 1998		Moualed, R
CATEGORY OF CITED DOCUMENTS		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	
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			