



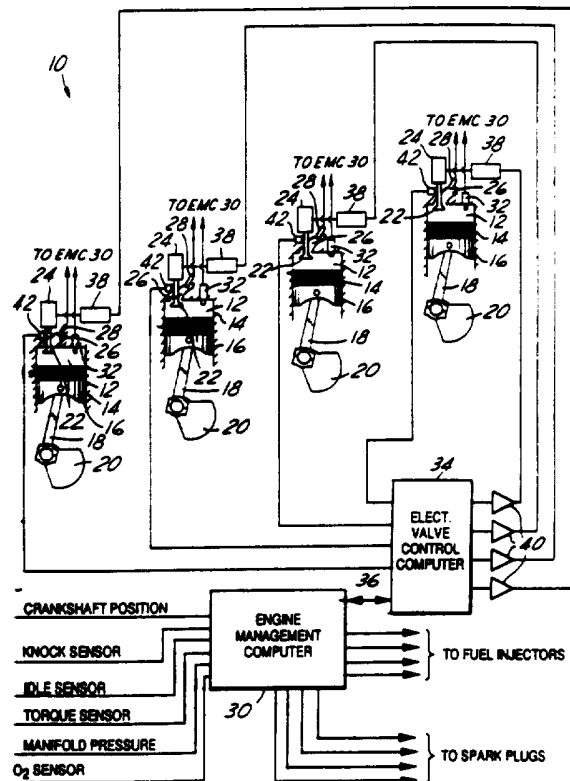
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/US92/09777 (22) International Filing Date: 19 November 1992 (19.11.92) (30) Priority data: 819,044 10 January 1992 (10.01.92) US (71) Applicant: SIEMENS AUTOMOTIVE L.P. [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US). (72) Inventor: DOZIER, Henry, C. ; 2040 Yarmouth, Apart- ment 33, Rochester Hills, MI 48307 (US). (74) Agent: BOLLER, George, L.; Siemens Automotive L.P., 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).</p>		<p>(81) Designated States: JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 30 September 1993 (30.09.93)</p>

(54) Title: ENGINE INTAKE VALVE SELECTIVE DEACTIVATION SYSTEM AND METHOD

(57) Abstract

When one of the combustion chambers (12) is found to be operating non-compliantly, it is deactivated by the engine management computer (30) preventing the electronic valve control computer (34) from opening the solenoid-actuated intake valve (22) for that combustion chamber (12).



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 92/09777

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.C1.5	F 01 L 9/04	F 01 L 13/00
F 02 D 13/06		F 02 D 41/22
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.C1.5	F 01 L	F 02 D
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ¹⁰	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	US,A,5072700 (KAWAMURA) 17 December 1991 see column 2, line 66 - line 68 see column 6, line 23 - line 27 see column 6, line 42 - line 62 see figures 1,4 ---	1,2,7,9 ,11,12, 17
X	EP,A,0376714 (ISUZU) 4 July 1990 see column 1, line 1 - line 4 see column 5, line 56 - column 6, line 7 see column 4, line 5 - line 8 see figures 1-3 ---	1,7,9, 11,17
A	US,A,4945870 (RICHESON) 7 August 1990 see figure 1 -----	5,15
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IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
28-04-1993	01.09.93	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE		

**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.**

US 9209777
SA 67261

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 23/08/93
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