

FIG. 4



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EUROPEAN SEARCH REPORT

Application Number
EP 94 30 3963

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.5)	
X	DE-A-31 47 314 (WESSER) * page 5, line 19 - page 9, line 26 * * page 10, line 15 - page 19, line 8; figures *	1,2,7,8	G07C5/08	
Y	---	9-14		
A	---	4-6		
Y	EP-A-0 224 616 (GELHORN) * column 3, line 29 - column 7, line 4; claims; figures *	1-14		
Y	DE-A-32 21 399 (KIENZLE) * page 4, line 17 - page 7, line 26 * * page 8, line 30 - page 9, line 30; claim 1; figures *	1-3,7,8		
A	---	9-12		
Y	GB-A-2 244 582 (BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY) * abstract; claims; figures * * page 2, line 29 - page 3, line 18 *	4-6		
A	---	1,2,11		TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	GB-A-2 119 095 (GOLDCREST ELECTRONICS) * page 2, line 17 - page 3, line 26 * * page 3, line 56 - page 4, line 22 * * page 6, line 5 - line 51; figures *	1-3,5,7-12		G07C
A	WO-A-92 22043 (WB ELECTRONIC) * page 14, line 20 - page 15, line 29 * * page 19, line 13 - page 20, line 5; figures *	1-3,7-14		

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The present search report has been drawn up for all claims				
Place of search		Date of completion of the search	Examiner	
THE HAGUE		30 September 1994	Meyl, 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		I : 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 1501 (03/82) (P4/C01)



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Application Number
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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.5)
A	WO-A-82 02785 (DYRDAK) * page 3, line 10 - line 34 * * page 5, line 5 - page 6, line 8 * * page 9, line 22 - page 11, line 21; figures * ---	1,7-11	
A	US-A-4 939 652 (STEINER) ---		
A	EP-A-0 495 104 (K.K. KOMATSU SEISAKUSHO) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 September 1994	Examiner Meyl, D
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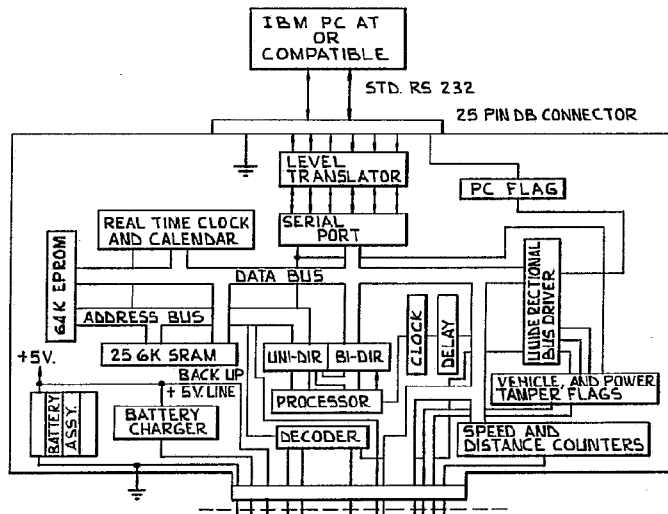
EPO FORM 1503 (02/92) (P0400)



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<p>(21) International Application Number: PCT/US92/02968 (22) International Filing Date: 13 April 1992 (13.04.92) (71) Applicant (for all designated States except US): VEHICLE COMPUTER CORPORATION [US/US]; 8200 N.W. 27 Street, Suite 114, Miami, FL 33122 (US). (72) Inventor; and (75) Inventor/Applicant (for US only) : PARRA, Pedro, S. [US/US]; 8200 N.W. 27 Street, Suite 114, Miami, FL 33122 (US). (74) Agent: SANCHELIMA, Jesus; Sanchelima and Associates, 235 S.W. Le Jeune Rd., Miami, FL 33134 (US).</p>		<p>(81) Designated States: AU, BR, CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE). Published With international search report.</p>

(54) Title: A SYSTEM FOR MEASURING AND RECORDING DATA FOR A MOTOR VEHICLE



(57) Abstract

A device (10) for measuring and recording accurate, complete, dated and timed history for the moving speed of a specific motor vehicle. The device (10) includes a removable section (12) and a fixed section (14) identified by a unique code number stored in memory. Device (10) is micro-processor based, bus compatible with personal computers and features low power consumption to allow back-up battery operation during vehicle power source interruptions. Transducer interface circuit (20) picks up pulses that are proportional to the distance traveled. Speed and distance counters receive these pulses and send this information to the data bus. Memory (156) and processor (150) process and store the speed history of the vehicle being monitored, along with other information such as when and for how long the ignition circuit of the vehicle is activated.

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