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(54) **Stop watch and clocking system**

(57) The stop watch comprises a magnetic sensor (2) for sensing magnetism and generating a signal upon detecting a predetermined amount of magnetism, a clocking section (1) for controlling the start and end of clocking each time the signal is received and storing a measured time, and a display section (3) for displaying the time stored in the clocking section (1). The magnetic

sensor (2) is installed in an automobile and connected to the clocking section (1) via a cable, and the clocking section (1) and the display section (3) are formed integrally. Magnetic members (50, 51, 52) are installed in a course (40) on which the automobile (41, 42) travels.

FIG. 1

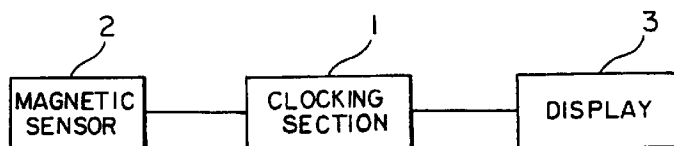
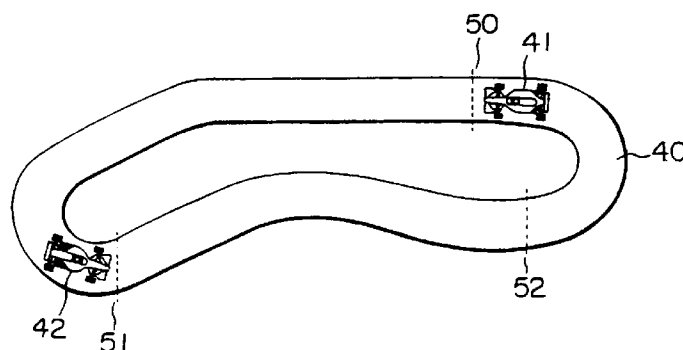


FIG. 4



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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 4354

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	EP 0 043 671 A (HOCKEN REDVERS ALBERT) 13 January 1982	1,3-6, 8-12	G04F8/08 G07C1/24
Y	* page 3, line 17 - page 4, line 12 * * page 12, line 31 - page 14, line 10; figures 7,8 *	2,7	
Y	FR 2 633 740 A (AXTER SA) 5 January 1990 * page 1, line 30 - page 2, line 9 *	2,7	
A	US 5 140 307 A (REBETEZ ROLAND ET AL) 18 August 1992 * column 2, line 16-46 *	1-12	
A	GB 2 117 937 A (HOCKEN REDVERS ALBERT) 19 October 1983 * page 1, left-hand column, line 37 - right-hand column, line 112 *	1-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G04F G07C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 September 1997	Examiner Exelmans, U
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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