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(54) **On-track localization system for digitally controlled electric model vehicles**

(57) On-track localization system for digitally-controlled, model electric vehicles, such as racing vehicles, of the system-type comprising a number of sensors (4) suitably arranged on one or more tracks (1,2) or roads along which several vehicles (14) are guided, powered by an electrical engine supplied with constant voltage by

two parallel electrodes forming part of the track or road, into which modulated pulses with individualized control are injected; the execution of some of the aforementioned includes the generation of a signal, on the vehicle passing one of the sensors, to synchronize the execution of an action like track-change activation or time-logging.

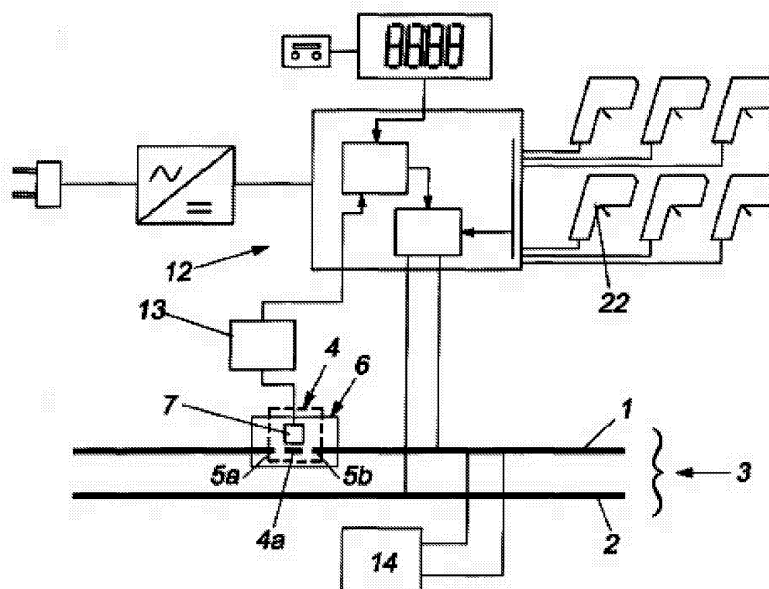


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 12 6549

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 5 749 547 A (YOUNG NEIL P [US] ET AL) 12 May 1998 (1998-05-12) * column 5, line 10 - line 61; figures 1-14 *	1-3	INV. A63H18/16 A63H19/24 A63H19/32 A63H30/02
A	US 5 226 619 A (ALGER ROBERT E [US]) 13 July 1993 (1993-07-13) * the whole document *	1-3	
A	GB 2 412 885 A (KONAMI CORP [JP]) 12 October 2005 (2005-10-12) * page 1, paragraph 2 - page 3, paragraph 4; figures 3,7,8 *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			A63H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 May 2007	Examiner Brumme, Ion
<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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EPO FORM 1503 03.82 (P04C01)

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

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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29-05-2007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5749547	A	12-05-1998	NONE	

US 5226619	A	13-07-1993	NONE	

GB 2412885	A	12-10-2005	JP 2004261204 A	24-09-2004
			WO 2004064963 A1	05-08-2004
			US 2006113430 A1	01-06-2006
