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(54) Auxiliary unit control module for use with existing remote vehicle control unit

(57)A control unit for an auxiliary vehicle unit which may find particular application in conjunction with an already installed remotely activated vehicle control system, for example an original equipment manufacturer keyless entry or alarm system. An input is connected to a designated wiring of a vehicle which is triggered by the already installed remotely activated vehicle control system. It is then detected whether the designated wiring is triggered at least twice within a predetermined period of time. If it is determined that the designating wiring is triggered twice within the predetermined period of time, then the auxiliary unit is triggered. The auxiliary units may typically be a remote vehicle starter or window roll-up unit, and the designated wirings of the vehicle may typically be door lock or unlock wirings.

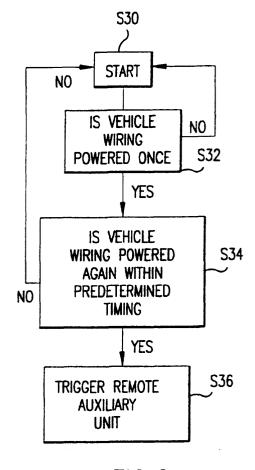


FIG.2



EUROPEAN SEARCH REPORT

Application Number EP 96 40 2211

		ERED TO BE RELEVANT		-	
Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)	
X	* column 4, line 10 * column 4, line 27	DICROCE ET AL.) - column 3, line 10 * - line 15 *	1-4, 8-14, 18-20	B60R25/04 E05B49/00	
E	* column 3, line 51	- line 21 * - line 61 * - line 5; figure 3 * - line 56 * - column 4, line 7;	1-20		
X	EP 0 320 470 A (ROLER S R L) 14 June 1989 * column 1, line 45 - column 2, line 12 * * column 3, line 42 - column 4, line 50 *		1,11	TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
A	FR 2 695 364 A (REN	 AULT) 11 March 1994	5,15 2,5,12, 15	B60R E05B	
	* page 2, line 7 - * page 2, line 32 -				
	The present search report has	peen drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	THE HAGUE	5 March 1999	Pel	tz, P	
X: particularly relevant if taken alone after the Y: particularly relevant if combined with another document of the same category L: documer A: technological background			rinciple underlying the invention and document, but published on, or ng date cited in the application cited for other reasons the same patent family, corresponding		

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

EP 96 40 2211

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-03-1999

	Patent document ed in search repo		Publication date	F	Patent family member(s)	Publication date
IT	MI942148	A	21-04-1995	CN US US	1124215 A 5850173 A 5850174 A	12-06-199 15-12-199 15-12-199
US	5828316	Α	27-10-1998	NONE		
EP	0320470	Α	14-06-1989	NONE		
FR	2695364	Α	11-03-1994	NONE		
						,
			Official Journal of the Europ			