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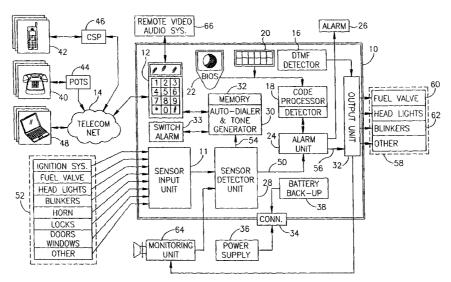
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(54) Title: CELLULAR COMMUNICATION DEVICE-BASED ANTI-THEFT/ANTI-INTRUSION WARNING AND CONTROL SYSTEM



(57) Abstract: An anti-theft/anti-intrusion warning and control system capable of notifying, in real-time, owners and other interested parties of protected vehicles, private movable property, and protected areas, of a security threat to their property involving theft or intrusion. The warning and control system provides for remote monitoring and reporting of protected property utilizing strategically placed sensors (52) and a cellular communications device (12) which communicates information via a telecommunications network (14) to the owners and other interested parties of the status of their property. The cellular communications device enables remote operation and control of selected devices, components, and systems associated with a protected property and provides for remotely actuating countermeasures to thwart security threats.



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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y	US 5,917,405 A (JOAO) 29 June 1999 (29.06.1999), see col. 18, line 15 to col. 24, line 67; col. 28, lines 1-47; col. 29, line 1 to col. 36, line 25; col. 41, line 4 to col. 46, line 5; col. 61, lines 44-55.		
Y	US 5,918,180 A (DIMINO) 29 June 1999 (29.06.1999), see 18 in Fig. 1 and corresponding disclosure.		1-18.
Y	US 5,793,283 A (DAVIS) 11 August 1998 (11.08.1998), Abstract and Figs. 1-2 and corresponding disclosure.		5.
A	US 5,515,285 A (GARRETT, SR. et al.) 07 May 1996 (07.05.1996), see Figs. 2-3 and corresponding disclosure.		1-18.
A	US 5,825,283 A (CAMHI) 20 October 1998 (20.10.1998), Abstract and Fig. 3.		1-18.
A US 5,874,889 A (HIGDON et al.) 23 February 1999 (23.02.1999), see Figs. 1-2 and Abstract.		1-18.	
Further	r documents are listed in the continuation of Box C.	See patent family annex.	
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