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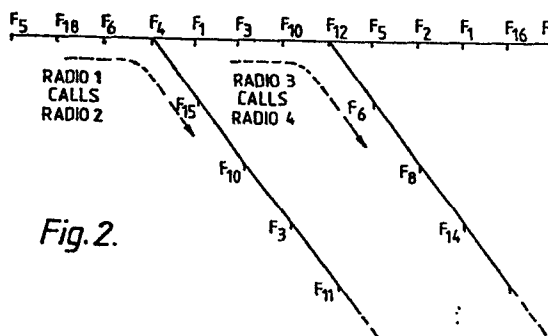
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(54) Radio communication system.

(57) A frequency-hopping radio communication system in which a network of stations operate on the same sequence of frequencies, in synchronism, controlled by pseudo-random generators which are initially synchronised. Each station has means for modifying its p.r. sequence dependent only upon the instant in the main line sequence at which the modification is switched. In order to communicate, one station transmits, on the current main-line frequency sequence, the address of the desired other station and then signals the sequence switch. At this instant both transmitting and receiving stations switch to a modified frequency sequence and are thus isolated from the remaining stations. At the end of the message a signal from the transmitting to the receiving station causes both stations to revert to the main line sequence.





European Patent
Office

EUROPEAN SEARCH REPORT

0084967
Application number

EP 83 30 0320

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. 3)
A	US-A-3 584 303 (GUANELLA) * Column 4, lines 10-25; column 8, lines 14-26 *	1,2	H 04 K 1/00 H 04 B 7/26
A	--- DE-A-1 939 975 (LICENTIA) * Page 3, line 14 - page 4, line 2; page 5, lines 1-12 *	1	
A	--- GB-A-1 536 868 (LICENTIA) * Page 1, lines 71-90 *	1	
P	--- IEE PROCEEDINGS SECTION A-K, vol. 129, no. 3, part F, June 1982, pages 213-222, Old Woking, Surrey, GB. P.J. MUNDAY et al.: "Jaguar-V frequency-hopping radio system" * Page 213, left-hand column, lines 12-15; page 215, left-hand column, lines 14-26; page 221, left-hand column, lines 33-35 * -----	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			H 04 K 1/00 H 04 K 1/02 H 04 K 3/00 H 04 B 1/66 H 04 L 9/04 H 04 L 9/00 H 04 B 7/26
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-05-1983	Examiner HOLPER G.E.E.
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		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	