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Method for broadcasting text messages on a sub-carrier associated with a radiophonic carrier frequency.

Message elements are formed, consisting of 64 characters, and a succession of groups of information bits is modulated on the supplementary subcarrier, each group comprising a code adapted to identify it as a text-containing group, a preset number of characters constituting a segment of the message element and a four-bit address adapted to locate said segment within the complete element, according to the RDS system of the European Broadcasting Union. According to the invention, for the transmission of a message longer than 64 characters the complete message is segmented into portions of no more than 60 characters and message elements are formed, to be transmitted in successive groups, associating with each successive portion a prefix of four control characters thus composed:

a) a message identifier character, susceptible of assuming one of two configurations and adapted to maintain the same configuration in the successive groups of bits for the duration of a same message, and of assuming the other configuration when a different message begins;

b) a language identifier character, designating the language in which the message is written;

c) a continuity index character, identifying the message element contained in the group being transmitted;

d) a message length character, identifying the number of message elements which compose the complete message.



Fig. 2



EP 87 11 0895

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.4)
D,A	SPECIFICATIONS OF THE EUROPEAN BROADCASTING UNION, ref. EBU 3244-E, March 1984, pages 1-60, Brussels, BE; "Specifications of the radio data system RDS for VHF/FM sound broadcasting" * Pages 11-28,49-52 * ---	1	H 04 H 1/00
A	NHK LABORATORIES NOTE, no. 293, December 1983, pages 2-13, Tokyo, JP; T. YAMAMOTO et al.: "An experimental system of FM data-broadcasting" * Whole article * ---	1	
A	FUNKSCHAU, vol. 58, no. 1, January 1986, pages 43-47, Munich, DE; "Radio-Daten-System: Neue Entwicklung auf Hörfunkwellen" * Page 45, left-hand column, line 14 - right-hand column, line 17 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 04 H H 04 N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-01-1989	Examiner MINNOYE G.W.
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	