Title (en)

METHOD FOR BROADCASTING TEXT MESSAGES ON A SUB-CARRIER ASSOCIATED WITH A RADIOPHONIC CARRIER FREQUENCY

Publication

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Application

EP 87110895 A 19870728

Priority

IT 2195886 A 19861010

Abstract (en)

[origin: EP0263253A2] 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.

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IPC 8 full level

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Cited by

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