Title (en)
METHOD FOR CONSTRUCTING A DIGITAL SIGNAL FRAME, AND RADIO COMMUNICATION BASE STATION IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUM AUFBAU EINES DIGITALEN RAHMENS UND FESTFUNKSTATION ZUR INBETRIEBNAHME DESSELBEN

Title (fr)
PROCEDE DE CONSTRUCTION D'UNE TRAME DE SIGNAL NUMERIQUE, ET STATION DE BASE DE RADIOCOMMUNICATION METTANT EN OEUVRE UN TEL PROCEDE

Publication
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Application
EP 98959966 A 19981211

Priority
• FR 9802704 W 19981211
• FR 9715853 A 19971215

Abstract (en)
[origin: FR2772541A1] The invention concerns a method for constructing a frame from a set of data bits, such that part of the frame shows no occurrence of a reference sequence consisting of L bits of value 0, consisting in defining several blocks in the frame said part, for transmitting respective portions of similar length of the set of data bits, and reserving in said part substitution indicator bits (Zi) associated with the blocks respectively. When that bit does not indicate any substitution, the portion of the set of data bits is simply included in the block, and does not contain the reference sequence. Otherwise, each occurrence of the reference sequence in the block is replaced by a substitution sequence of L bits enabling its location.

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