DATA COMMUNICATION RECEIVER HAVING BURST ERROR PROTECTED DATA SYNCHRONIZATION

A data communication receiver (106) providing burst error protected data synchronization comprises a receiver portion (804) for receiving and detecting synchronization data and message information. The synchronization data comprises at least first and second synchronization code words separated by a predetermined transmission time interval. A synchronization correlator (818, 1310 or 1330) correlates for the first synchronization code word, and in the absence of correlating the first synchronization code word, correlates for the second synchronization code word, thereby insuring synchronization with the received message information.

Fig. 8 accompanies this abstract.