

Title (en)

METHOD AND SYSTEM FOR REDUCING DATA ERRORS IN DIGITAL COMMUNICATIONS

Title (de)

VERFAHREN UND SYSTEM ZUR VERRINGERUNG VON DATENFEHLERN IN DIGITALER KOMMUNIKATION

Title (fr)

PROCEDE ET SYSTEME DE DIMINUTION D'ERREURS DE DONNEES DANS DES COMMUNICATIONS NUMERIQUES

Publication

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Application

EP 00984272 A 20001213

Priority

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Abstract (en)

[origin: WO0143440A1] A system (10) for reducing data errors in a digital data stream includes a receiver (122), an error detection circuit (123), and a processor (100). One or more communication channels transmit redundant data slots to the receiver (122). In response to the redundant data slots, the error detection circuit (123) generates data valid signals corresponding to the communication channels. The data valid signals are set based on the contents of the redundant data slots. In response to the data valid signals from the error detection circuit (123), the processor (100) generates a non-redundant data stream including data slots selected from either of the incoming communication channels. In this manner, corrupted data slots can be removed, resulting in an output non-redundant data stream having fewer data errors.

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Citation (search report)

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