

DATA TRANSMISSION METHOD AND APPARATUS, SYSTEM, AND COMPUTER-READABLE STORAGE MEDIUM

ABSTRACT

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This application discloses a data transmission method and apparatus, a system, and a computer-readable storage medium, and relates to the field of communication technologies. The method includes: A first module performs convolutional interleaving on symbols included in a plurality of obtained first codewords, to obtain an interleaving result, where the first codeword is
10 a codeword obtained by encoding first data by using a first FEC code; obtains, based on the interleaving result, second data that includes identification information; and transmits the second data to a second module. The convolutional interleaving is performed on the symbols included in the plurality of first codewords, so that when burst errors occur in the second data subsequently, the burst errors are dispersed onto a plurality of symbols, to reduce a BER of the second data after
15 error correction. If the second data includes a second codeword, the identification information includes codeword boundary information of the second codeword, and no additional data needs to be inserted as the identification information, so that data transmission costs are low.

Fig. 8