

CODEWORD SYNCHRONIZATION METHOD, RECEIVER, NETWORK DEVICE, AND NETWORK SYSTEM

ABSTRACT

A codeword synchronization method, a receiver, and a network device are provided. In the
5 method, a candidate bit is determined in a plurality of bits of a data sequence received by a receive
end, and a synchronization position is determined based on the candidate bit, where the
synchronization position indicates a start position of a codeword in the data sequence. The method
is a self-synchronization method, and a technical effect of high-precision codeword
synchronization for a data stream at the receive end can be achieved without inserting additional
10 data into a data stream at a transmit end, and synchronization performance achieves high reliability.

Fig. 11