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(54) Title: METHOD FOR DECODING DATA, ENCODING DATA AND RELATED DEVICE

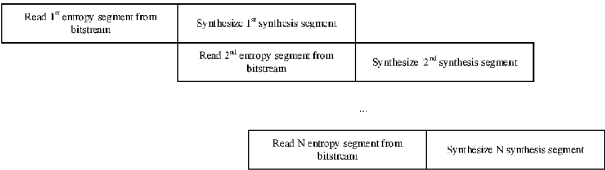


FIG. 19

(57) Abstract: Embodiments of the present application provide a method for decoding data, a method for encoding data, and related devices. The method for decoding data, including: obtaining an entropy segment i from a bitstream, where the entropy segment i is one entropy segment among N entropy segments, the N entropy segments constitute a representation of an input data in a latent space, the entropy segment i has no overlap region with its adjacent entropy segment, N is a positive integer greater than one, $i=1, \dots, N$; determining a synthesis segment i according to the entropy segment i and/or at least one entropy segment adjacent to the entropy segment i , where the synthesis segment i includes at least one overlap region with its adjacent synthesis segment; determining a reconstructed segment i according to the synthesis segment i by performing a decoding network, where the reconstructed segment i has no overlap region with its adjacent reconstructed segment. According to the method, a pipe-line processing may be performed by the decoding device.



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