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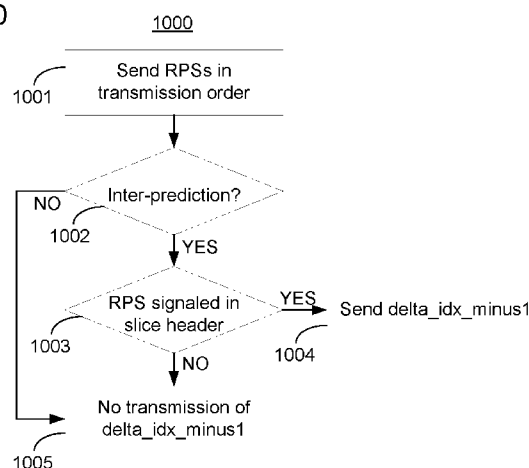
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(54) Title: ENCODING AND DECODING VIDEO SEQUENCES COMPRISING REFERENCE PICTURE SETS

Fig. 10



(57) Abstract: A method (1000) of encoding a video sequence comprising Reference Picture Sets (RPSs) is provided. The method comprises arranging (1001) the RPSs in transmission order in a data structure, such as a Sequence Parameter Set (SPS), determining (1003) whether explicit RPS transmission is used for an RPS of a current picture of the video sequence, and encoding (1004) information indicating an RPS comprised in the data structure to be used for predicting the RPS of the current picture, such as `delta_idx_minus1`, only if explicit RPS transmission is used. By transmitting `delta_idx_minus1` only if explicit RPS transmission is used, and interpreting `delta_idx_minus1` to be equal to zero otherwise, a reduced bitrate is achieved. Further, a method of decoding a video sequence comprising RPSs, corresponding computer programs and computer program products, as well as corresponding encoders and decoders are provided.