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(54) Title: VIDEO DECODING METHOD, AND VIDEO DECODER

(54) 发明名称: 视频解码方法及视频解码器

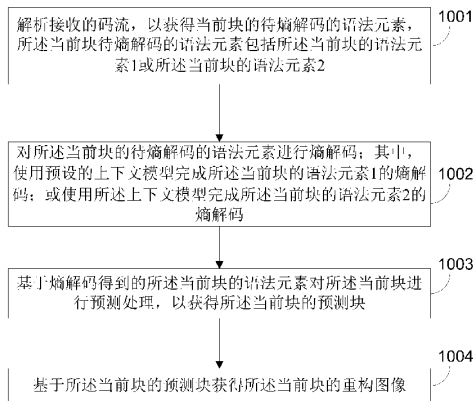


图 10

- 1001 Parse a received code stream, and acquire a semantic element to undergo entropy-decoding in a current block, the semantic element comprising semantic element 1 of the current block or semantic element 2 thereof
- 1002 Perform entropy decoding on said semantic element in the current block, wherein the entropy decoding of semantic element 1 of the current block is completed by using a pre-determined context model, or the entropy decoding of semantic element 2 of the current block is completed by using the context model
- 1003 Perform prediction processing on the current block on the basis of the semantic element of the current block obtained from the entropy decoding, and acquire a prediction block of the current block
- 1004 Acquire a reconstruction image of the current block on the basis of the prediction block of the current block

(57) Abstract: The present invention discloses a video decoding method and a video decoder. The method comprises: parsing a received code stream, and acquiring a semantic element to undergo entropy-decoding in a current block, the semantic element comprising semantic element 1 of the current block or semantic element 2 thereof; acquiring a context model corresponding to said semantic element, wherein a context model of semantic element 1 is determined from a pre-determined context model set, or a context model of semantic element 2 is determined from the pre-determined context model set; performing entropy decoding on said semantic element in the current block on the basis of the context model corresponding to the same; performing prediction processing on the current block on the basis of the semantic element of the current block obtained from the entropy decoding, and acquiring a prediction block of the current block; and acquiring a reconstruction image of the current block on the basis of the prediction block of the current block. The invention reduces memory space occupied by context models.

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RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本发明公开了视频解码方法和视频解码器。所述方法包括: 解析接收的码流, 以获得当前块的待熵解码的语法元素, 所述当前块待熵解码的语法元素包括所述当前块的语法元素1或语法元素2; 获取所述待熵解码的语法元素对应的上下文模型; 其中, 从预设的上下文模型集合中确定所述语法元素1的上下文模型; 或从所述上下文模型集合中确定所述语法元素2的上下文模型; 基于所述当前块的待熵解码的语法元素对应的上下文模型对所述待熵解码的语法元素进行熵解码; 基于熵解码得到的所述当前块的语法元素对所述当前块进行预测处理, 以获得所述当前块的预测块; 基于所述当前块的预测块获得所述当前块的重构图像。使用本发明, 可以减少上下文模型占用的存储空间。