

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(10) 国际公布号

WO 2020/088324 A1

(43) 国际公布日
2020 年 5 月 7 日 (07.05.2020)

(51) 国际专利分类号:
H04N 19/52 (2014.01) H04N 19/105 (2014.01)

(21) 国际申请号: PCT/CN2019/112749

(22) 国际申请日: 2019 年 10 月 23 日 (23.10.2019)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
201811268188.2 2018 年 10 月 29 日 (29.10.2018) CN
201811642717.0 2018 年 12 月 29 日 (29.12.2018) CN

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(54) Title: VIDEO IMAGE PREDICTION METHOD AND APPARATUS

(54) 发明名称: 一种视频图像预测方法及装置

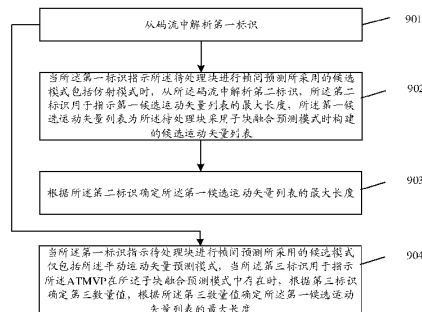


图 9

901 Parse a first identifier from a code stream
902 When the first identifier indicates that a candidate mode used by a block to be processed for implementing interframe prediction comprises an affine mode, parse a second identifier from the code stream, the second identifier being used for indicating the maximum length of a first candidate motion vector list, the first candidate vector motion list being a candidate motion vector list constructed when the block to be processed uses a sub-block merge prediction mode
903 On the basis of the second identifier, determine the maximum length of the first candidate motion vector list
904 When the first identifier indicates that the candidate mode used by the block to be processed for implementing interframe prediction only comprises a translational motion vector prediction mode, and when a third identifier is used for indicating that there is an ATMVP in the sub-block merge prediction mode, determine a third amount value on the basis of the third identifier and determine the maximum length of the first candidate motion vector list on the basis of the third amount value

(57) Abstract: A video image prediction method and apparatus, providing a method for determining the maximum length of a candidate motion vector list of a sub-block merge mode. The method comprises: parsing a first identifier from a code stream; when the first identifier indicates that a candidate mode used by a block to be processed for implementing interframe prediction comprises an affine mode, parsing a second identifier from the code stream, the second identifier being used for indicating the maximum length of a first candidate motion vector list, the first candidate vector motion list being a candidate motion vector list constructed when the block to be processed uses a sub-block merge prediction mode; and, on the basis of the second identifier, determining the maximum length of the first candidate motion vector list.

(57) 摘要: 一种视频图像预测方法及装置, 提供一种确定子块融合模式的候选运动矢量列表的最大长度的方式。方法包括, 从码流中解析第一标识; 当所述第一标识指示所述待处理块进行帧间预测所采用的候选模式包括仿射模式时, 从所述码流中解析第二标识, 所述第二标识用于指示第一候选运动矢量列表的最大长度, 所述第一候选运动矢量列表为所述待处理块采用子块融合预测模式时构建的候选运动矢量列表; 根据所述第二标识确定所述第一候选运动矢量列表的最大长度。

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