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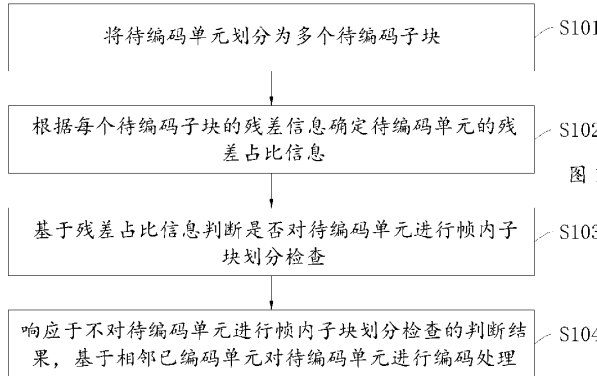
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(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI,

(54) Title: VIDEO CODING PROCESSING METHOD, APPARATUS AND DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 一种视频编码处理方法、装置、设备及存储介质



S101 Divide, into a plurality of sub-blocks to be coded, a unit to be coded
S102 Determine, according to residual information of each sub-block to be coded, residual proportion information of the unit to be coded
S103 On the basis of the residual proportion information, determine whether to perform intra-frame sub-block division inspection on the unit to be coded
S104 In response to a determination result of not performing intra-frame sub-block division inspection on the unit to be coded, perform, on the basis of an adjacent coded unit, coding processing on the unit to be coded

(57) Abstract: Provided in the embodiments of the present application are a video coding processing method, apparatus and device, and a storage medium. The technical solution provided in the embodiments of the present application comprises: dividing, into a plurality of sub-blocks to be coded, a unit to be coded; determining residual proportion information of each sub-block to be coded; according to the residual proportion information, determining whether to perform intra-frame sub-block division inspection on the unit to be coded; and when it is determined that the intra-frame sub-block division inspection is not performed on the unit to be coded, performing, on

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根据细则4.17的声明:
— 关于申请人有权要求在先申请的优先权(细则4.17(iii))

本国际公布:
— 包括国际检索报告(条约第21条(3))。

the basis of an adjacent coded unit, coding processing on the current unit to be coded. In this way, a redundant intra-frame sub-block division inspection process is reduced, the complexity of intra-frame prediction is effectively reduced, and the video coding efficiency is improved.

(57) 摘要: 本申请实施例提供了一种视频编码处理方法、装置、设备及存储介质。本申请实施例提供的技术方案通过将待编码单元划分成多个待编码子块，并确定每个待编码子块的残差占比信息，根据残差占比信息确定是否对待编码单元进行帧内子块划分检查，并且在确定不对待编码单元进行帧内子块划分检查时，可基于相邻已编码单元对当前待编码单元进行编码处理，减少冗余的帧内子块划分检查过程，有效减少帧内预测的复杂度，提高视频编码效率。