

(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

(43) 国际公布日
2024 年 5 月 23 日 (23.05.2024)



(10) 国际公布号
WO 2024/104503 A1

(51) 国际专利分类号:
H04N 19/00 (2014.01)

(21) 国际申请号: PCT/CN2024/072091

(22) 国际申请日: 2024 年 1 月 12 日 (12.01.2024)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202211422461.9 2022 年 11 月 14 日 (14.11.2022) CN

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(54) Title: IMAGE CODING AND DECODING

(54) 发明名称: 图像编解码

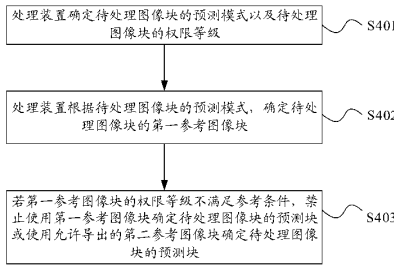


图 4

- S401 A processing apparatus determines a prediction mode for an image block to be processed, and a permission level of the image block to be processed
- S402 The processing apparatus determines, according to the prediction mode for the image block to be processed, a first reference image block of the image block to be processed
- S403 If the permission level of the first reference image block does not meet a reference condition, prohibit determining a prediction block of the image block to be processed by using the first reference image block, or determine the prediction block of the image block to be processed by using a second reference image block, which is allowed to be exported

(57) Abstract: The embodiments of the present application relate to the field of image coding and decoding. Provided are an image coding method and apparatus, and an image decoding method and apparatus, which ensure that users who have different permission levels at a decoding end obtain a consistent result of decoding for a low-permission-level region without increasing a transmission code stream. The method comprises: determining a prediction mode for an image block to be processed, and a permission level of the image block to be processed (S401); according to the prediction mode, determining a first reference image block of the image block to be processed (S402); and if the permission level of the first reference image block does not meet a reference condition, prohibiting determining a prediction block of the image block to be processed by using the first reference image block, or determining the prediction block of the image block to be processed by using a second reference image block, which is allowed to be exported (S403).

(57) 摘要: 本申请实施例提供一种图像编解码方法及装置, 涉及图像编解码领域, 在不增加传输码流的情况下, 保证解码端不同权限等级用户对低权限等级区域解码结果一致。该方法包括: 确定待处理图像块的预测模式以及待处理图像块的权限等级 (S401); 根据预测模式, 确定待处理图像块的第一参考图像块 (S402); 若第一参考图像块的权限等级不满足参考条件, 禁止使用第一参考图像块确定待处理图像块的预测块或使用允许导出的第二参考图像块确定待处理图像块的预测块 (S403)。

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LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN,
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