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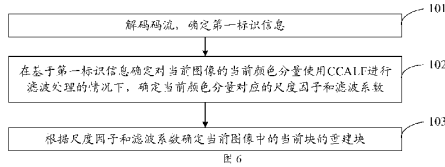
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(54) **Title:** ENCODING METHOD, DECODING METHOD, BIT STREAM, ENCODER, DECODER AND STORAGE MEDIUM

(54) 发明名称: 编解码方法、码流、编码器、解码器以及存储介质



101 Decode a bit stream to determine first identification information
102 When, on the basis of the first identification information, it is determined to use a CCALF to perform filtering processing on a current color component of a current image, determine a scale factor and a filtering coefficient corresponding to the current color component
103 On the basis of the scale factor and the filtering coefficient, determine a reconstructed block of a current block in the current image

(57) **Abstract:** Disclosed in the embodiments of the present application are an encoding method, a decoding method, a bit stream, an encoder, a decoder and a storage medium. The decoding method comprises: at a decoding end, decoding a bit stream to determine first identification information; when, on the basis of the first identification information, it is determined to use a CCALF to perform filtering processing on a current color component of a current image, determining a scale factor and a filtering coefficient corresponding to the current color component; and on the basis of the scale factor and the filtering coefficient, determining a reconstructed block of a current block. The encoding method comprises: at an encoding end, determining a scale factor corresponding to a current color component of a current image; and on the basis of a rate distortion cost corresponding to the scale factor, determining first identification information, and writing the first identification information into a bit stream, wherein the first identification information is used for indicating whether to use a CCALF to perform filtering processing on the current color component of the current image.

(57) **摘要:** 本申请实施例公开了一种编解码方法、码流、编码器、解码器以及存储介质, 在解码端, 解码码流, 确定第一标识信息; 在基于第一标识信息确定对当前图像的当前颜色分量使用CCALF进行滤波处理的情况下, 确定当前颜色分量对应的尺度因子和滤波系数; 根据尺度因子和滤波系数确定当前块的重建块。在编码端, 确定当前图像的当前颜色分量对应的尺度因子; 根据尺度因子对应的率失真代价确定第一标识信息, 并将第一标识信息写入码流; 其中, 第一标识信息用于指示当前图像的当前颜色分量是否使用CCALF进行滤波处理。

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本国际公布:

— 包括国际检索报告(条约第21条(3))。