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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,

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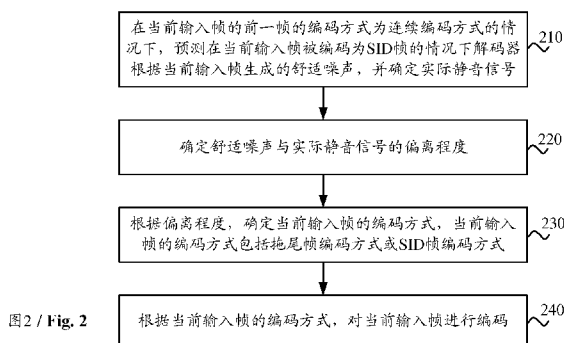
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本国际公布:

- 包括国际检索报告 (条约第 21 条(3))。

(54) Title: MEDIA DATA TRANSMISSION METHOD, DEVICE AND SYSTEM

(54) 发明名称: 一种媒体数据的传输方法、装置和系统



210 IN THE CASE WHERE A CODING MANNER OF A FRAME PREVIOUS TO A CURRENT INPUT FRAME IS A CONTINUOUS CODING MANNER, PREDICTING A COMFORT NOISE GENERATED BY A DECODER ACCORDING TO THE CURRENT INPUT FRAME IN THE CASE WHERE THE CURRENT INPUT FRAME IS CODED INTO AN SID FRAME, AND DETERMINING AN ACTUAL SILENCE SIGNAL

220 DETERMINING A DEGREE OF DEVIATION OF THE COMFORT NOISE FROM THE ACTUAL SILENCE SIGNAL

230 ACCORDING TO THE DEGREE OF DEVIATION, DETERMINING THE CODING MANNER OF THE CURRENT INPUT FRAME, WHEREIN THE CODING MANNER OF THE CURRENT INPUT FRAME COMPRISES A TAILING FRAME CODING MANNER OR AN SID FRAME CODING MANNER

240 ACCORDING TO THE CODING MANNER OF THE CURRENT INPUT FRAME, CODING THE CURRENT INPUT FRAME

(57) Abstract: A signal coding method and device. The method comprises: in the case where a coding manner of a frame previous to a current input frame is a continuous coding manner, predicting a comfort noise generated by a decoder according to the current input frame in the case where the current input frame is coded into an SID frame, and determining an actual silence signal (210), wherein the current input frame is a silence frame; determining a degree of deviation of the comfort noise from the actual silence signal (220); according to the degree of deviation, determining the coding manner of the current input frame, wherein the coding manner of the current input frame comprises a tailing frame coding manner or an SID frame coding manner (230); and according to the coding manner of the current input frame, coding the current input frame (240). By determining that the coding manner of the current input frame is the tailing frame coding manner or the SID frame coding manner according to the degree of deviation of the comfort noise from the actual silence signal, the communication bandwidth can be saved.

(57) 摘要:

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一种信号编码方法及设备，该方法包括：在当前输入帧的前一帧的编码方式为连续编码方式的情况下，预测在当前输入帧被编码为 SID 帧的情况下解码器根据当前输入帧生成的舒适噪声，并确定实际静音信号（210），其中当前输入帧为静音帧；确定舒适噪声与实际静音信号的偏离程度（220）；根据偏离程度，确定当前输入帧的编码方式，当前输入帧的编码方式包括拖尾帧编码方式或 SID 帧编码方式（230）；根据当前输入帧的编码方式，对当前输入帧进行编码（240）。通过根据舒适噪声与实际静音信号的偏离程度确定当前输入帧的编码方式为拖尾帧编码方式或 SID 帧编码方式，能够节省通信带宽。