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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: AUDIO DATA PROCESSING METHOD, DEVICE AND SYSTEM

(54) 发明名称: 音频数据的处理方法、装置和系统

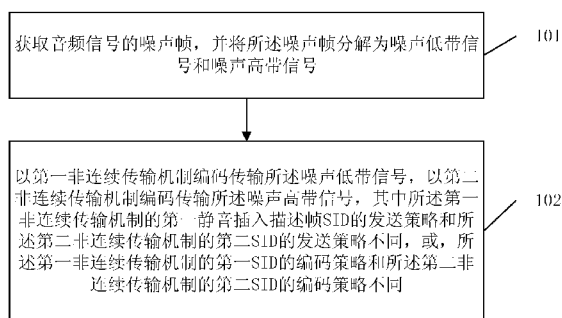


图 1 / FIG. 1

101 Obtain a noise frame of an audio signal, and resolve the current noise frame into a noise low-band signal and a noise high-band signal
102 Code and transmit the low-band signal according to a first discontinuous transmission mechanism, and code and transmit the high-band signal according to a second discontinuous transmission mechanism, a transmitting policy of a first silence insertion descriptor (SID) of the first discontinuous transmission mechanism being different from that of a second SID of the second discontinuous transmission mechanism, or a coding policy of a first SID of the first discontinuous transmission mechanism being different from that of the second SID of a second discontinuous transmission mechanism

(57) Abstract: The present invention relates to the technical field of communications. Disclosed are an audio data processing method, device and system. The method comprises: obtaining a noise frame of an audio signal, and resolving the current noise frame into a noise low-band signal and a noise high-band signal; coding and transmitting the low-band signal according to a first discontinuous transmission mechanism; and coding and transmitting the high-band signal according to a second discontinuous transmission mechanism. According to the present invention, by processing the high-band signal and low-band signal in different manners, the computation complexity is lowered and coding bits are saved without reducing the subjective quality of a codec; the saved bits contribute to a lower transmission bandwidth or higher overall coding quality.

(57) 摘要: 本发明公开了一种音频数据的处理方法、装置和系统, 属于通信技术领域。所述方法包括: 获取音频信号的噪声帧, 并将所述当前噪声帧分解为噪声低带信号和噪声高带信号; 以第一非连续传输机制编码传输所述噪声低带信号; 以第二非连续传输机制编码传输所述噪声高带信号。本发明通过对高带信号和低带信号不同的处理方式, 可以在不降低编解码器主观质量的前提下节省计算复杂度和编码比特, 节省下的比特可达到降低传输带宽或用于提高整体编码质量的目的。

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