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(54) **Title**: VOICE FREQUENCY CODE STREAM DECODING METHOD AND DEVICE

(54) **发明名称** : 语音频码流的解码方法及装置

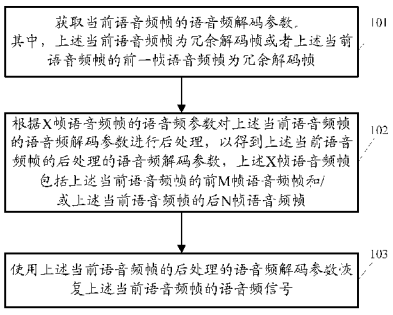

图 1 / FIG. 1

101 ACQUIRING THE VOICE FREQUENCY DECODING PARAMETER OF A CURRENT VOICE FREQUENCY FRAME, THE CURRENT VOICE FREQUENCY FRAME BEING A REDUNDANT DECODING FRAME, OR A VOICE FREQUENCY FRAME PREVIOUS TO THE CURRENT VOICE FREQUENCY FRAME BEING A REDUNDANT DECODING FRAME

102 POST-PROCESSING THE VOICE FREQUENCY DECODING PARAMETER OF THE CURRENT VOICE FREQUENCY FRAME ACCORDING TO THE VOICE FREQUENCY PARAMETER OF X VOICE FREQUENCY FRAMES SO AS TO OBTAIN THE POST-PROCESSED VOICE FREQUENCY DECODING PARAMETER OF THE CURRENT VOICE FREQUENCY FRAME, THE X VOICE FREQUENCY FRAMES COMPRISING M VOICE FREQUENCY FRAMES PREVIOUS TO THE CURRENT VOICE FREQUENCY FRAME AND/OR N VOICE FREQUENCY FRAMES SUBSEQUENT TO THE CURRENT VOICE FREQUENCY FRAME

103 RECOVERING THE VOICE FREQUENCY SIGNAL OF THE CURRENT VOICE FREQUENCY FRAME BY USING THE POST-PROCESSED VOICE FREQUENCY FRAME DECODING PARAMETER OF THE CURRENT VOICE FREQUENCY FRAME

(57) **Abstract**: A voice frequency code stream decoding method and device, comprising: acquiring the voice frequency decoding parameter of a current voice frequency frame, the current voice frequency frame being a redundant decoding frame, or a voice frequency frame previous to the current voice frequency frame being a redundant decoding frame (101); post-processing the voice frequency decoding parameter of the current voice frequency frame according to the voice frequency parameter of X voice frequency frames so as to obtain the post-processed voice frequency decoding parameter of the current voice frequency frame, the X voice frequency frames comprising M voice frequency frames previous to the current voice frequency frame and/or N voice frequency frames subsequent to the current voice frequency frame, M and N being positive integers (102); and recovering the voice frequency signal of the current voice frequency frame by using the post-processed voice frequency frame decoding parameter of the current voice frequency frame (103). The decoding method facilitates improving the quality of the output voice frequency signal.

(57) **摘要**: 一种语音频码流的解码方法，包括：获取当前语音频帧的语音频解码参数，其中上述当前语音频帧为冗余解码帧或者上述当前语音频帧的前一帧语音频帧为冗余解码帧（101）；根据 X 帧语音频帧的语音频参数对上述当前语音频帧的语音频解码参数进行后处理，以得到上述当前语音频帧的后处理的语音频解码参数，上述 X 帧语音频帧包括上述当前语音频帧的前 M 帧语音频帧和/或上述当前语音频帧的后 N 帧语音频帧，上述 M 和 N 为正整数（102）；使用上述当前语音频帧的后处理的语音频解码参数恢复上述当前语音频帧的语音频信号（103）。该解码方法有利于提高输出语音频信号的质量。

WO 2015/139521 A1

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