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(54) **Title:** DECODER AND DECODING METHOD FOR LC3 CONCEALMENT INCLUDING FULL FRAME LOSS CONCEALMENT AND PARTIAL FRAME LOSS CONCEALMENT

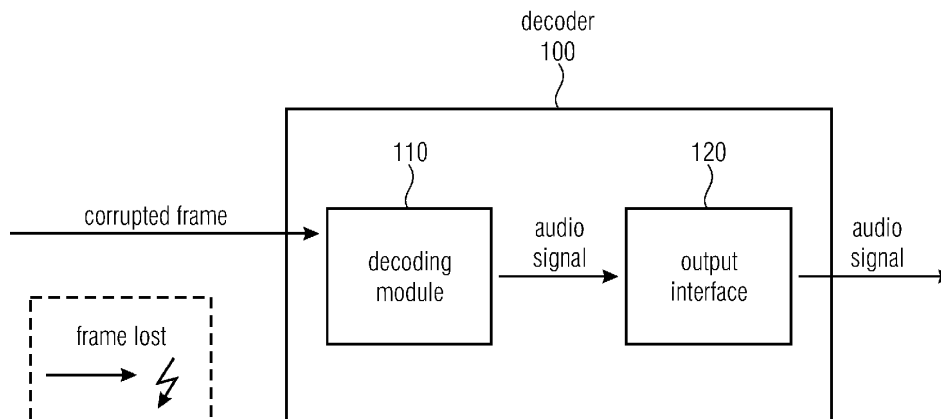


Fig. 1

(57) **Abstract:** Fig. 1 illustrates a decoder (100) for decoding a current frame to reconstruct an audio signal according to an embodiment. The audio signal is encoded within the current frame. The current frame comprises a current bitstream payload. The current bitstream payload comprises a plurality of payload bits. The plurality of payload bits encodes a plurality of spectral lines of a spectrum of the audio signal. Each of the payload bits exhibits a position within the current bitstream payload. The decoder (100) comprises a decoding module (110) and an output interface (120). The decoding module (110) is configured to reconstruct the audio signal. The output interface (120) is configured to output the audio signal. The decoding module (110) comprises an error concealment mode, wherein, if the decoding module (110) is in said error concealment mode, the decoding module (110) is configured to reconstruct the audio signal

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by conducting error concealment for those spectral lines of the spectrum of the audio signal, which exhibit a frequency being greater than a threshold frequency. And/or, if error concealment is conducted by the decoding module (110), the decoding module (110) is configured to conduct error concealment in a way that depends on whether or not a previous bitstream payload of a previous frame preceding the current frame encodes a signal component of the audio signal which is tonal or harmonic.