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(54) Title: METHOD AND APPARATUS FOR OBTAINING SPECTRUM COEFFICIENTS FOR A REPLACEMENT FRAME OF AN AUDIO SIGNAL, AUDIO DECODER, AUDIO RECEIVER AND SYSTEM FOR TRANSMITTING AUDIO SIGNALS

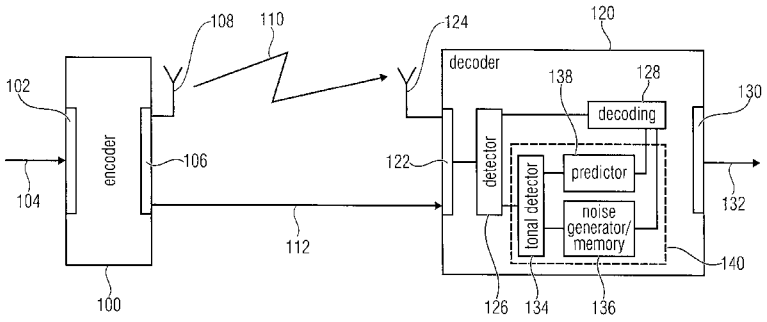

FIG 1

(57) Abstract: An approach is described that obtains spectrum coefficients for a replacement frame (m) of an audio signal. A tonal component of a spectrum of an audio signal is detected based on a peak that exists in the spectra of frames preceding a replacement frame (m). For the tonal component of the spectrum a spectrum coefficients for the peak (502) and its surrounding in the spectrum of the replacement frame (m) is predicted, and for the non-tonal component of the spectrum a non-predicted spectrum coefficient for the replacement frame (m) or a corresponding spectrum coefficient of a frame preceding the replacement frame (m) is used.

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