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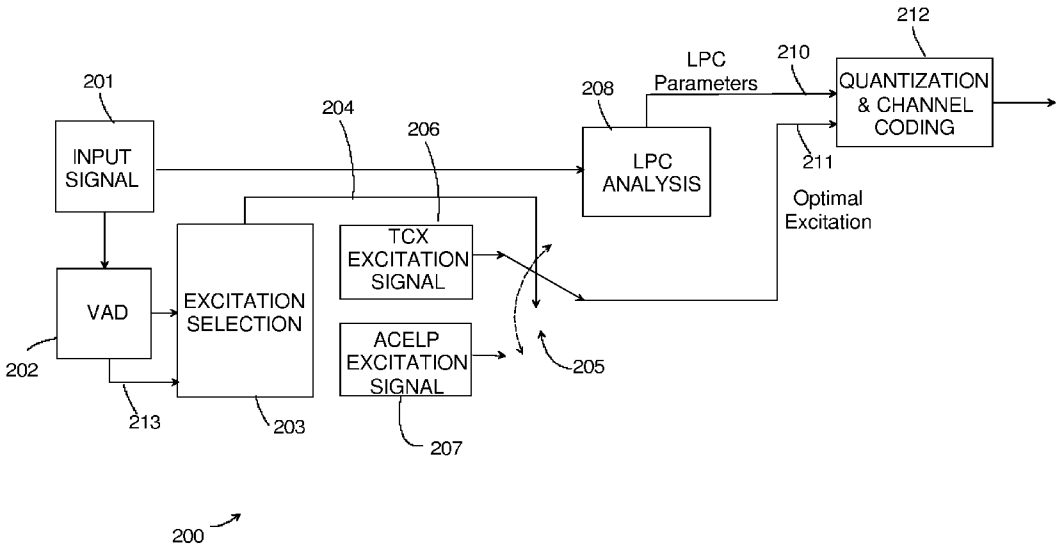
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(54) Title: CLASSIFICATION OF AUDIO SIGNALS




(57) Abstract: The invention relates to an encoder (200) comprising an input (201) for inputting frames of an audio signal in a frequency band, at least a first excitation block (206) for performing a first excitation for a speech like audio signal, and a second excitation block (207) for performing a second excitation for a non-speech like audio signal. The encoder (200) further comprises a filter (300) for dividing the frequency band into a plurality of sub bands each having a narrower bandwidth than said frequency band. The encoder (200) also comprises an excitation selection block (203) for selecting one excitation block among said at least first excitation block (206) and said second excitation block (207) for performing the excitation for a frame of the audio signal on the basis of the properties of the audio signal at least at one of said sub bands. The invention also relates to a device, a system, a method and a storage medium for a computer program.

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