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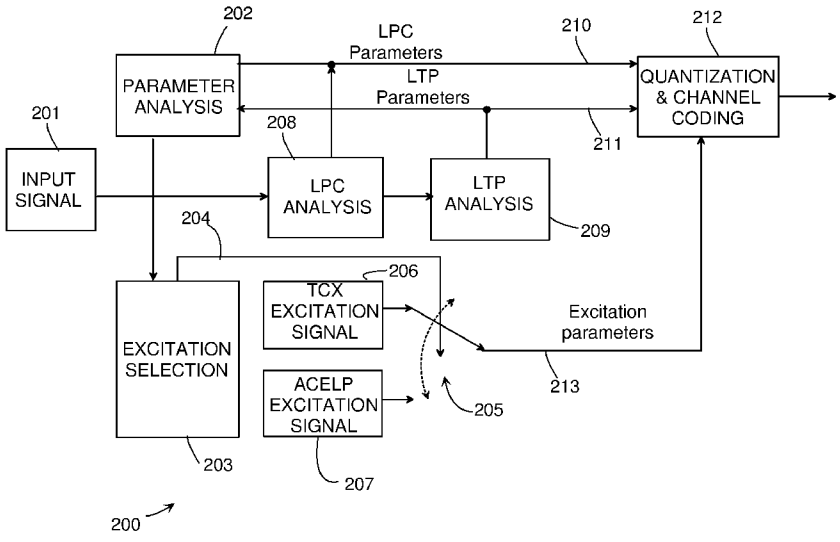
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(54) Title: CODING MODEL SELECTION



(57) Abstract: The invention relates to an encoder (200) comprising an input (201) for inputting frames of an audio signal, a LTP analysis block (209) for performing a LTP analysis to the frames of the audio signal to form LTP parameters on the basis of the properties of the audio signal, and at least a first excitation block (206) for performing a first excitation for frames of the audio signal, and a second excitation block (207) for performing a second excitation for frames of the audio signal. The encoder (200) further comprises a parameter analysis block (202) for analysing said LTP parameters, and an excitation selection block (203) for selecting one excitation block among said first excitation block (206) and said second excitation block (207) for performing the excitation for the frames of the audio signal on the basis of the parameter analysis. The invention also relates to a device, a system, a method, a module and a computer program product.

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