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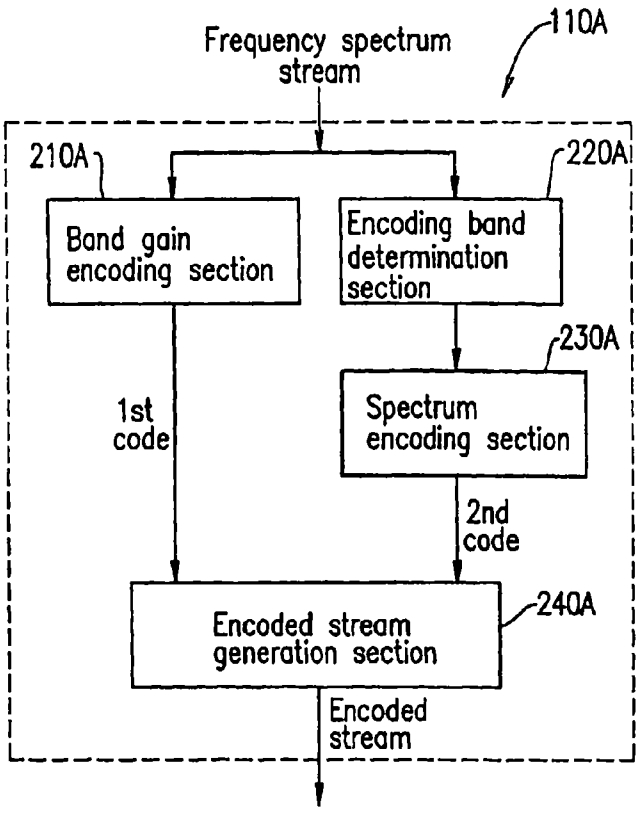
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(54) Title: APPARATUS FOR CODING SCALING FACTORS IN AN AUDIO CODER



(57) Abstract: An audio encoding apparatus includes a band gain scaling factor encoding section for calculating an average amplitude of a frequency spectrum stream corresponding to each of a plurality of frequency bands so as to generate a first code representing the average amplitude of the frequency spectrum stream; an encoding band determination section for determining at least one frequency band, for which the corresponding frequency spectrum stream is to be quantized and encoded from among the plurality of frequency bands; a spectrum encoding section for quantizing and encoding the frequency spectrum stream of each of the at least one frequency band determined by the encoding band determination section so as to generate a second code; and an encoded stream generation section for generating an encoded stream based on the first code and the second code.

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