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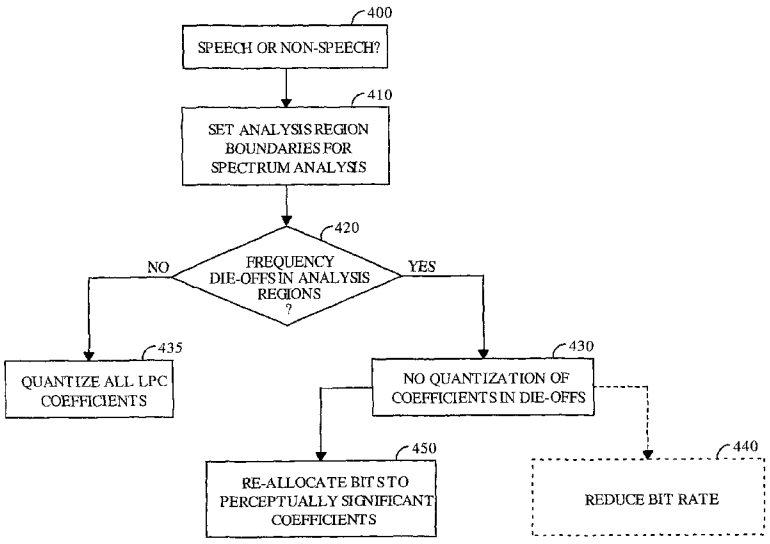
(54) Title: BANDWIDTH-ADAPTIVE QUANTIZATION



(57) Abstract: Methods and apparatus are presented for determining the type of acoustic signal and the type of frequency spectrum exhibited by the acoustic signal in order to selectively delete parameter information before vector quantization. (430) The bits that would otherwise be allocated to the deleted parameters can then be re-allocated to the quantization of the remaining parameters, which results in an improvement of the perceptual quality of the synthesized acoustic signal. (450) Alternatively, the bits that would have been allocated to the deleted parameters are dropped, resulting in an overall bit-rate reduction (440).

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