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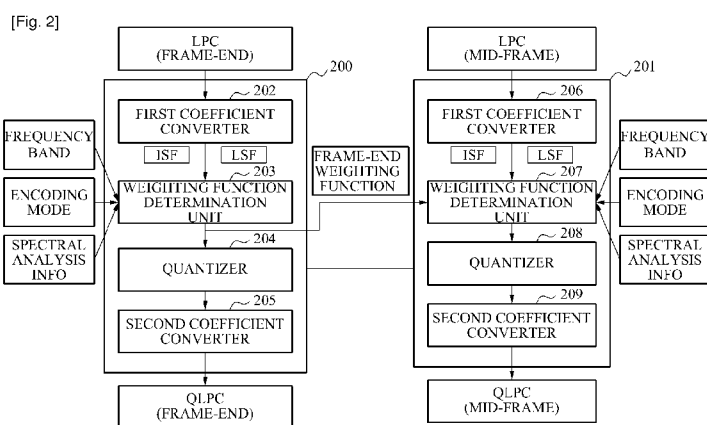
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(54) Title: APPARATUS AND METHOD FOR DETERMINING WEIGHTING FUNCTION HAVING LOW COMPLEXITY FOR LINEAR PREDICTIVE CODING (LPC) COEFFICIENTS QUANTIZATION



(57) Abstract: Proposed is a method and apparatus for determining a weighting function for quantizing a linear predictive coding (LPC) coefficient and having a low complexity. The weighting function determination apparatus may convert an LPC coefficient of a mid-subframe of an input signal to one of an immittance spectral frequency (ISF) coefficient and a line spectral frequency (LSF) coefficient, and may determine a weighting function associated with an importance of the ISF coefficient or the LSF coefficient based on the converted ISF coefficient or LSF coefficient.