

ABSTRACT

"Apparatus For Quantizing Linear Predictive Coding Coefficients, Sound Encoding Apparatus, Apparatus For De-Quantizing Linear Predictive Coding Coefficients, Sound Decoding Apparatus, And Electronic Device Therefor

A quantizing apparatus is provided that includes a quantization path determiner that determines a path from a first path not using inter-frame prediction and a second path using the inter-frame prediction, as a quantization path of an input signal, based on a criterion before quantization of the input signal; a first quantizer that quantizes the input signal, if the first path is determined as the quantization path of the input signal; and a second quantizer that quantizes the input signal, if the second path is determined as the quantization path of the input signal.

FIG.5