

ABSTRACT

With respect to audio signal coding and decoding apparatuses, there is provided a coding apparatus that enables a decoding apparatus to reproduce an audio signal even through it does not use all of data from the coding apparatus, and a decoding apparatus corresponding to the coding apparatus.

A quantization unit constituting a coding apparatus 1 comprises: a first sub-quantization unit 501 comprising sub-quantization units for low-band, intermediate-band, and high-band; a second sub-quantization unit 502 for quantizing quantization errors from the first sub-quantization unit 501; and a third sub-quantization unit 503 for quantizing quantization errors which have been processed by the first sub-quantization unit 501 and the second sub-quantization unit 502.