

# AUDIO SIGNAL PROCESSING METHOD AND APPARATUS

## ABSTRACT

This application discloses an audio signal processing method and apparatus, and belongs to the field of audio signal processing technologies. The method includes: obtaining a plurality of sub-bands of an audio signal and a scale factor of each sub-band; determining, based on the scale factors of the plurality of sub-bands, a reference value used for shaping a spectral envelope of the audio signal; and shaping the spectral envelope of the audio signal by using the reference value as a baseline, to obtain an adjustment factor of each sub-band corresponding to a shaped spectral envelope. The adjustment factor is used to quantize a spectral value of the audio signal, and/or the adjustment factor is used to dequantize a code value of the spectral value. In this application, compression efficiency of encoding an audio signal is improved while sound quality is ensured.

(Fig.5)