

ABSTRACT

STEREO SIGNAL ENCODING METHOD AND APPARATUS

5 This application provides a stereo signal encoding method and apparatus. The encoding method includes: determining a residual signal encoding parameter of a current frame of a stereo signal based on downmixed signal energy and residual signal energy of each of M sub-bands of the current frame, where the residual signal encoding parameter of the current frame is used to indicate whether to encode residual signals of the M sub-bands, the M sub-bands are at least some
10 of N sub-bands, N is a positive integer greater than 1, $M \leq N$, and M is a positive integer (301); and determining, based on the residual signal encoding parameter of the current frame, whether to encode the residual signals of the M sub-bands of the current frame (302). According to the encoding method, high-frequency distortion of a decoded stereo signal can be reduced as much as possible while a spatial sense and sound-image stability of the decoded stereo signal are improved,
15 thereby improving encoding quality.

Fig. 6