ABSTRACT

MULTI-CHANNEL AUDIO SIGNAL CODING METHOD AND APPARATUS

A multi-channel audio signal coding method (300) and an apparatus are disclosed. The multi-channel audio signal coding method (300) includes: obtaining a to-be-encoded first audio frame (301); pairing at least five channel signals according to a first pairing manner to obtain a first channel pair set (302); obtaining a first sum of correlation values of the first channel pair set, where one channel pair has one correlation value (303); pairing the at least five channel signals according to a second pairing manner to obtain a second channel pair set (304); obtaining a second sum of correlation values of the second channel pair set (305); determining a target pairing manner of the at least five channel signals based on the first sum of correlation values and the second sum of correlation values (306); and encoding the at least five channel signals based on a channel pair set corresponding to the target pairing manner, where the target pairing manner is the first pairing manner or the second pairing manner (311). The multi-channel audio signal coding method (300) and the apparatus make an audio frame coding method more diversified and efficient.

Figure 3