

MEDIA DATA TRANSMISSION METHOD, APPARATUS, AND SYSTEM

ABSTRACT

A signal encoding method and device are disclosed. The method includes: in a case in which
5 an encoding manner of a previous frame of a currently-input frame is a continuous encoding manner,
predicting a comfort noise that is generated by a decoder according to the currently-input frame in a
case in which the currently-input frame is encoded into an SID frame, and determining an actual
silence signal (210), where the currently-input frame is a silence frame; determining a deviation
degree between the comfort noise and the actual silence signal (220); determining an encoding
10 manner of the currently-input frame according to the deviation degree, where the encoding manner
of the currently-input frame includes a hangover frame encoding manner or an SID frame encoding
manner (230); and encoding the currently-input frame according to the encoding manner of the
currently-input frame (240). It is determined, according to the deviation degree between the comfort
noise and the actual silence signal, that the encoding manner of the currently-input frame is the
15 hangover frame encoding manner or the SID frame encoding manner, which can save
communication bandwidth.

Figure 2