CLAIMS

1. A signal processing method, comprising:

determining a first parameter of each silence frame in T silence frames, wherein the first parameter is used for representing spectral entropy, and T is a positive integer; and

determining a first spectral parameter according to a spectral parameter of a first group of silence frames, wherein the first spectral parameter is used for generating a comfort noise, the T silence frames consist of the first group of silence frames and a second group of silence frames, and spectral entropy represented by first parameters of the first group of silence frames is greater than spectral entropy represented by first parameters of the second group of silence frames.

2. The method according to claim 1, wherein the T silence frames comprise a currently-input silence frame and (T–1) silence frames preceding the currently-input silence frame.

3. The method according to claim 2, further comprising:

encoding the currently-input silence frame into a silence descriptor, SID, frame, wherein the SID frame comprises the first spectral parameter.

4. The method according to any one of claims 1 to 3, wherein the step of determining a first parameter of each silence frame in T silence frames comprises:

determining the first parameter of each silence frame according to a line spectral frequency, LSF, coefficient of each silence frame.

5. The method according to any one of claims 1 to 4, wherein an average value of the spectral parameter of the first group of silence frames is the first spectral parameter.

6. A signal processing device, comprising:

a first determining unit, configured to determine a first parameter of each silence frame in T silence frames, wherein the first parameter is used for representing spectral entropy, and T is a positive integer; and

a second determining unit, configured to determine a first spectral parameter according to a spectral parameter of a first group of silence frames, wherein the first spectral parameter is used for generating a comfort noise, the T silence frames consist of the first group of silence frames and a second group of silence frames, and spectral entropy represented by first parameters of the first group of silence frames is greater than spectral entropy represented by first parameters of the second group of silence frames.

7. The device according to claim 6, wherein the T silence frames comprise a currently-input silence frame and (T–1) silence frames preceding the currently-input silence frame; and

the device further comprises:

an encoding unit, configured to encode the currently-input silence frame into a silence descriptor, SID, frame, wherein the SID frame comprises the first spectral parameter.

8. The device according to claim 6 or 7, wherein the first determining unit is specifically configured to:

determine the first parameter of each silence frame according to a line spectral frequency, LSF, coefficient of each silence frame.

9. The device according to any one of claims 6 to 8, wherein an average value of the spectral parameter of the first group of silence frames is the first spectral parameter.