

AUDIO FINGERPRINT EXTRACTION METHOD AND DEVICE

Abstract

An audio fingerprint extraction method and device are provided. The method includes: converting an audio signal to a spectrogram; determining one or more characteristic points in the spectrogram; in the spectrogram, determining one or more masks for the characteristic points; determining mean energy of each of the spectrum regions; determining one or more audio fingerprint bits according to mean energy of the plurality of spectrum regions in the one or more masks; judging credibility of the audio fingerprint bits to determine one or more weight bits; and combining the audio fingerprint bits and the weight bits to obtain an audio fingerprint. Each of the one or more masks includes a plurality of spectrum regions.

FIG.1