

ABSTRACT

A method for transforming an audio signal, a device, an apparatus, and a storage medium. The method comprises: performing segmentation processing on an original audio signal and an initial target audio signal obtained by performing pitch shifting on the original audio signal, and performing a Fourier transform on multiple original audio signal segments and multiple target audio signal segments obtained from the segmentation to obtain multiple original frequency-domain signal segments and multiple target frequency-domain signal segments (S130); filtering, according to multiple original segment window functions, the multiple original frequency-domain signal segments respectively to obtain multiple original formant envelopes, and filtering, according to multiple target segment window functions, the multiple target frequency-domain signal segments respectively to obtain multiple target formant envelopes (S140); and determining a pitch-shifted audio signal according to the multiple target frequency-domain signal segments, the multiple original formant envelopes, and the multiple target formant envelopes (S150).

FIG. 1A