

ABSTRACT

**METHOD AND SYSTEM FOR ENDPOINT AUTOMATIC DETECTION OF AUDIO
RECORD**

5 A method and system for endpoint automatic detection of audio record is provided. The
method comprises the following steps: acquiring a audio record text and affirming the text
endpoint acoustic model for the audio record text; starting acquiring the audio record data of
each frame in turn from the audio record start frame in the audio record data; affirming the
characteristics acoustic model of the decoding optimal path for the acquired current frame of
10 the audio record data; comparing the characteristics acoustic model of the decoding optimal
path acquired from the current frame of the audio record data with the endpoint acoustic
model to determine if they are the same; if yes, updating a mute duration threshold with a
second time threshold, wherein the second time threshold is less than a first time threshold.
This method can improve the recognizing efficiency of the audio record endpoint.

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Figure 1.