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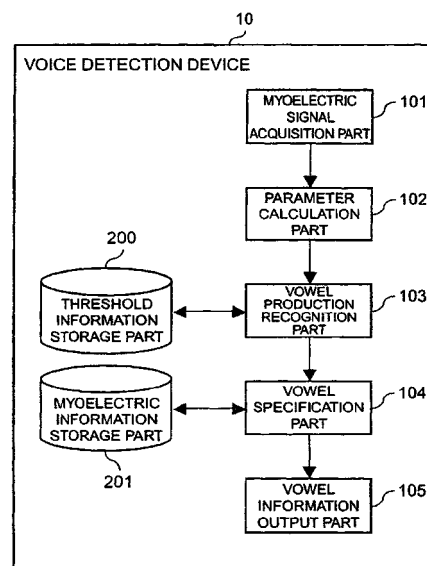
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(54) **Voice detection device**

(57) This voice detection device is composed of a myoelectric signal acquisition part for acquiring, from a plurality of regions, myoelectric signals generated at the time of a vocalization operation, a parameter calculation part for calculating, as parameters, the fluctuations of the acquired myoelectric signals relative to a predetermined value in every channel corresponding to one of the plurality of regions, a vowel vocalization recognition part for specifying the vowel vocalization operation timing at the time of the vocalization operation, based on the fluctuations of the calculated parameters, and a vowel specification part for specifying a vowel corresponding to the vocalization operation, based on the fluctuation condition of the parameters before and after the specified vocalization operation timing in every channel.

Fig.1



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