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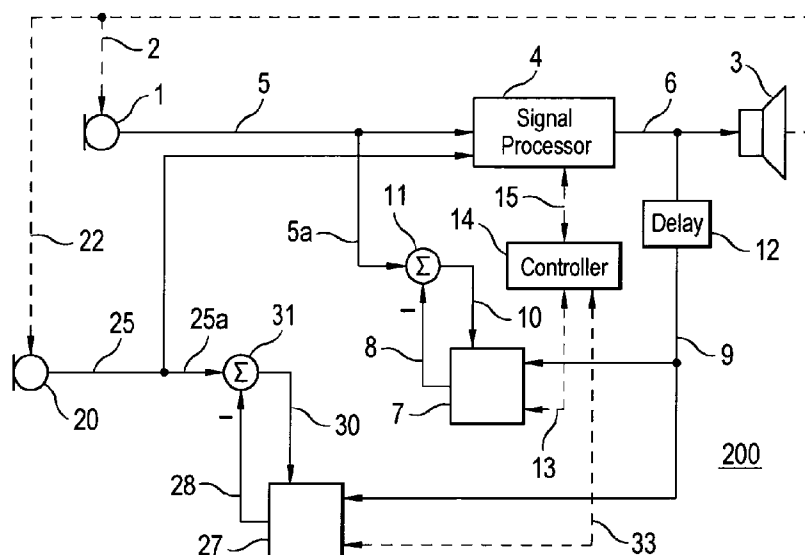
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(54) Title: HEARING AID AND METHOD OF UTILIZING GAIN LIMITATION IN A HEARING AID



(57) Abstract: There is presented a hearing aid with multiple microphones which comprises a first microphone for converting sound into a first audio signal, a second microphone for converting sound into a second audio signal, directional processing means for combining the first and said second audio signal according to a mixing ratio to form a spatial signal, estimating means for estimating a first acoustic feedback signal entering the first microphone and a second acoustic feedback signal entering the second microphone, processing means for processing said spatial signal by applying a gain not exceeding a resulting maximum gain limit to form a hearing loss compensation signal, wherein the resulting maximum gain limit is derived from the first and second acoustic feedback signals and the mixing ratio, and an output transducer for converting the hearing loss compensation signal into an acoustic output.

WO 2007/098808 A1