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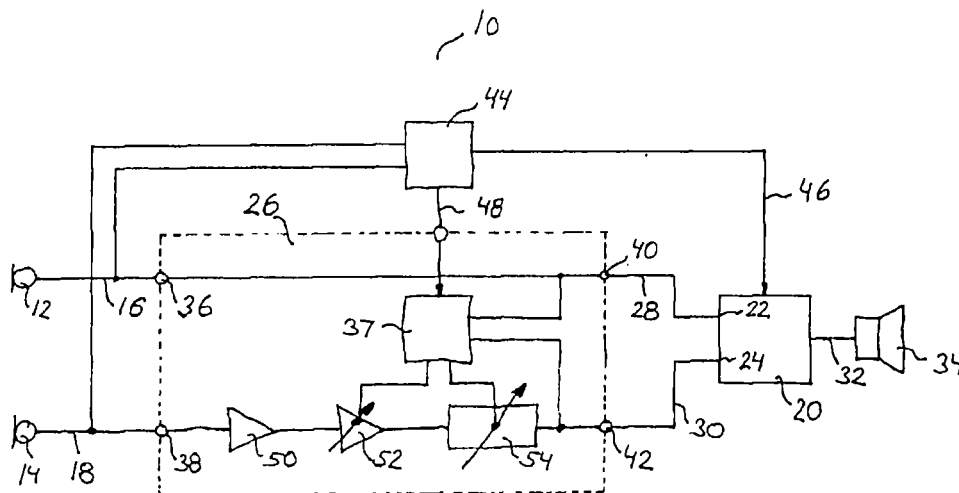
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(54) Title: A HEARING AID WITH ADAPTIVE MATCHING OF INPUT TRANSDUCERS



(57) Abstract: The present invention relates to a hearing aid with a directional characteristic, comprising at least two spaced apart input transducers (16, 18) and wherein transducer signal type, such as transducer noise, wind noise, sound emitted from a sound source located in the surroundings of the hearing aid, distorted signals, such as clipped signals, slew rate limited signals, etc, is determined, and wherein signal processing in the hearing aid, such as transducer matching, filtering, signal combination, etc, is adapted according to the determined signal type. For example, the directional characteristic may be switched to an omnidirectional characteristic when at least one of the input transducer signals is dominated by noise or distortion, and/or adaptive matching of input transducers may be put on hold while at least one of the input transducer signals is dominated by noise or distortion.



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