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(54) Title: A HEARING AID ADAPTED FOR DETECTING BRAIN WAVES AND A METHOD FOR ADAPTING SUCH A HEARING AID

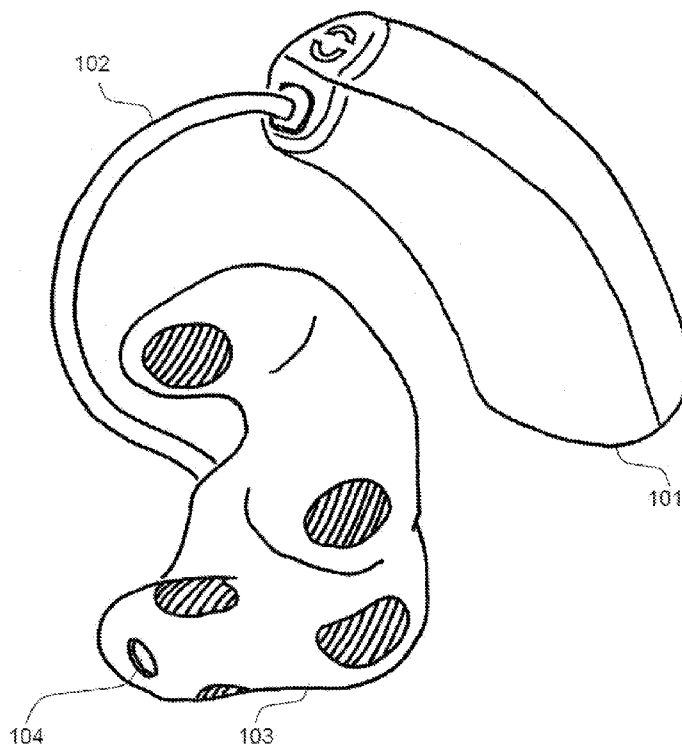


Fig. 1

(57) Abstract: A hearing aid comprising an amplifier (303, 309, 317), an input transducer (301), an output transducer (824) and a signal processing device (825), said amplifier (303, 309, 317) and said signal processing device (825) being connected, the hearing aid further comprising at least two electrodes (201 - 205) adapted for detecting electrical signals such as brain waves, the at least two electrodes (201 - 205) being connected to a differential amplifier (303, 309, 317), which in turn is connected to the signal processing device, and means for modifying the operation of said hearing aid in dependence of the detected signals. The invention further provides a method for adaptation of a hearing aid.



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