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(54) Title: EEG MONITOR WITH CAPACITIVE ELECTRODES AND METHOD OF MONITORING BRAIN WAVES

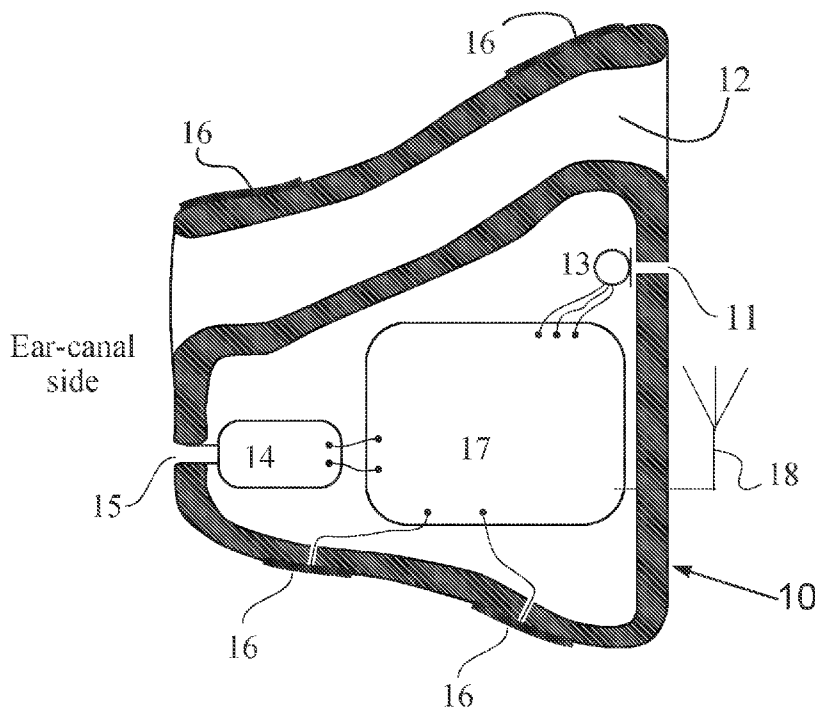


Fig. 1

(57) Abstract: A wearable EEG monitor for continuously monitoring the EEG of a user through capacitive coupling to the ear canal of a user comprises an ear insert (1) for positioning within the human ear canal, comprising at least two capacitive electrodes (16) for recording a signal. The electrodes are coated with a dielectricum for electrical insulation. The electrodes are connected to an amplifier (17). The amplifier has an input impedance matched to the impedance of the electrodes. The invention further provides a method of monitoring brain waves.



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