

Title (en)
DEVICE FOR THE NON-INVASIVE MEASUREMENT OF CELL SIGNALS

Title (de)
VORRICHTUNG ZUR NICHT -INVASIVEN MESSUNG VON ZELLSIGNALEN

Title (fr)
DISPOSITIF DE MESURE NON INVASIVE DE SIGNAUX DE CELLULES

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Abstract (en)
[origin: WO2006050683A1] The invention relates to a device for recording electrical signals from cells (I_{sig}), immobilised on an electrode, whereby the electrode is formed of a parallel circuit of a capacitance (C_e) and a resistance (R_e). The device is directly connected to an amplifier (OP) for signal transmission. A broadband and low-noise measurement of signals from the cells is thus possible.

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