

Title (en)

METHOD AND DEVICE FOR MEASURING THE MODULUS OF ELECTRICAL IMPEDANCE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MESSUNG DES MODULUS DER ELEKTRISCHEN IMPEDANZ

Title (fr)

PROCEDE ET DISPOSITIF DE MESURE DU MODULE D'UNE IMPEDANCE ELECTRIQUE

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Application

EP 14747544 A 20140721

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Abstract (en)

[origin: WO2015011098A1] The invention relates to a method and device for measuring a signal amplitude in order to supply the modulus of the electrical impedance of a sample. According to the invention, the signal is sampled (step 43) at a sampling frequency lower than the Nyquist frequency. Subsequently, the samples are distributed in a histogram (step 44) and the two fullest bins of the histogram are determined (step 45) such as to calculate the amplitude of the signal (step 46). The invention provides an energy-saving bio-impedance measurement means.

IPC 8 full level

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