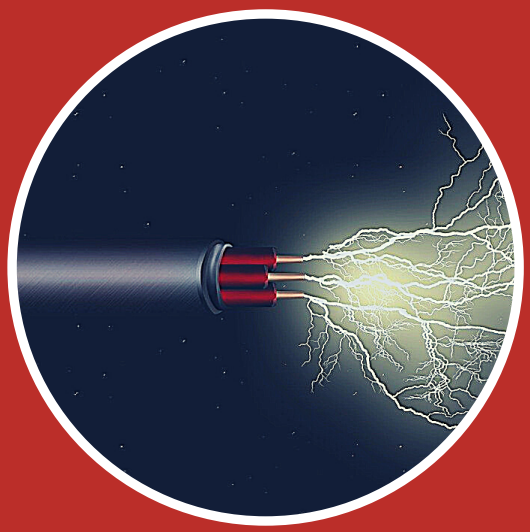
DECONVOLUTION AND CALIBRATION OF ELECTROACOUSTIC SIGNALS

ALMA MATER STUDIORUM-UNIVERSITÀ DI BOLOGNA



The invention refers to a method for automatic deconvolution and calibration of electroacoustic signals in order to measure the charge accumulation quantity and position on dielectric materials.

Protection: Italy (with possibility to extend internationally)

Inventors: Paolo Seri

INVENTION

The invention refers to a method for deconvolution and calibration of electroacoustic signals obtained by the application of a electric field, in order to automatically evaluate the charge density on dielectrics, without the intervention of qualified personell. Moreover, it is possible to determine the distribution of charge density and of electric field.

ADVANTAGES

- Improvement of accuracy and reliability of the measurement;
- No possibility of counterfeiting the results;
- Semplified use of the instrumentation.

APPLICATIONS

- Characterization of dielectric materials

CONTACTS

Knowledge Transfer Office
www.unibo.it/patents
+39 051 20 80 635 - 683
kto@unibo.it

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA