

Title (en)

METHOD AND DEVICE FOR PICKING-UP AND PROCESSING INTERFERENCE FIELDS AND INTERFERENCE BEAMS

Title (de)

VERFAHREN UND EINRICHTUNG ZUM AUFNEHMEN UND AUFBEREITEN VON STÖRFELDERN UND STÖRSTRAHLEN

Title (fr)

PROCEDE ET DISPOSITIF POUR ENREGISTRER ET TRAITER DES CHAMPS PARASITES ET DES RAYONS PARASITES

Publication

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Application

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Abstract (en)

[origin: WO03087857A2] The invention relates to a method and device for picking up and processing interference fields and interference beams in the form of immissions from technical high-frequency sources provided with a ring antenna pick-up and with a measuring circuit. In addition to precisely analyzing the field intensity of a high-frequency immission, above all, also all relevant criteria of the low-frequency effects particularly from 0 100 Hz, a novel measuring pick-up method enables, for the first time, the precise analysis of field effects below 0.1 V/m and, for example, the detection of brain-active and heart-active interference frequencies. The processing of the signals picked-up by a ring antenna pick-up ensues via at least one diode with an opposite blocking direction connected to the corresponding signal line whereby, after the output of the diodes, both signal lines are connected via a capacitor device to a measuring device. According to a second embodiment, the ring antenna pick-up has more than one, preferably concentrically and annularly arranged conductor track, whereby the processing of the signals picked-up by the more than one conductor track ensues over a resistor network connected to a measuring device via at least two signal lines.

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