

7 Documents

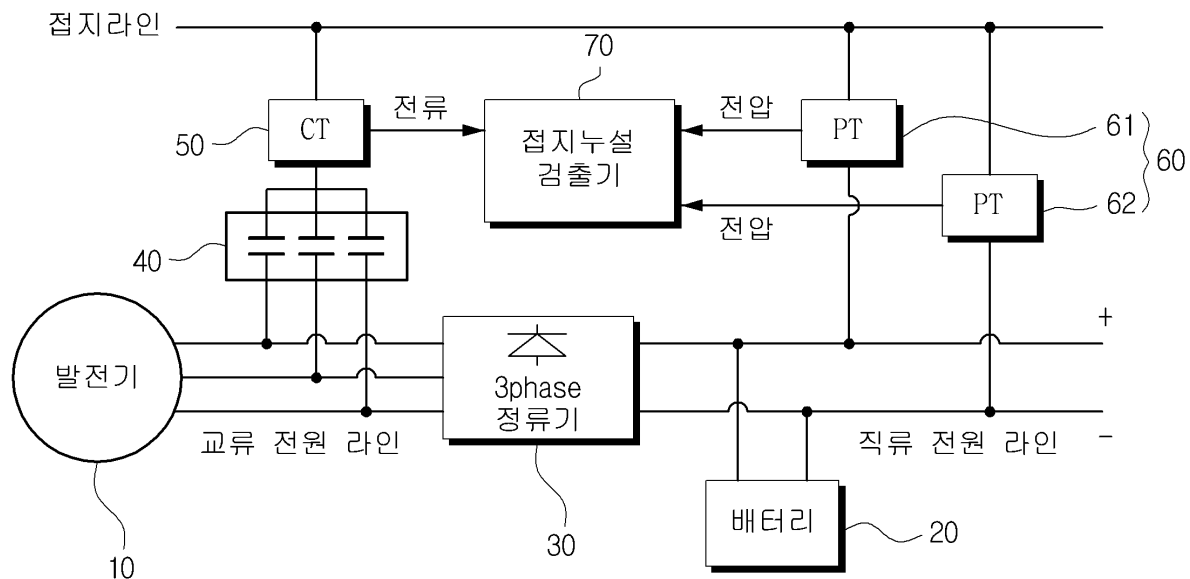
Publication numbers	Title	Current assignees
KR100936410 B1	Apparatus and method for ground leakage-current detecting	KOREA RAILROAD RESEARCH INSTITUTE
WO2012156635 A1	Device and method for estimating the resistance of the earth connection of an electrical apparatus	RENAULT
CN106093576 A	Electrolyte tank group ground insulation resistor detection method and electrolyte tank group ground insulation resistor detection device	XIE LIN
CN203811687U U	Impact signal generation device based on self-adaptive adjusting output technology	ZHAOTONG POWER SUPPLY BUREAU OF YUNNAN POWER GRID, ...
CN107727239 A	Method based on an unmanned aerial vehicle telemetry method and a system of the leakage dam	JIANGSU BUILT UP CIVIL ENGINEERING TECHNOLOGY
CN203365555U U	Tower impulse grounding resistance measuring device	CHONGQING ELECTRIC POWER
CN106597192 A	Transformer grounding resistance device and method for detecting the same	STATE GRID BEIJING ELECTRIC POWER, ...

Family 1/7 - FAMPAT - ©Questel

Title

(KR100936410)

Apparatus and method for ground leakage-current detecting

Images**Publication data including kind & date**

KR100936410

B1 2010-01-12

KR100936410

**Abstract**

(KR100936410)

PURPOSE: An apparatus and a method for a ground leakage-current detecting are provided to prevent a situation causing the passenger and driver in advance by preventing leakage current from being exposed to the outside. **CONSTITUTION:** In a device, a current measurement unit(50) measures a current flowing between an AC power line and the ground line and outputs a measured current. A voltage measurement unit(60) measures a voltage between a DC power line and the ground line and outputs a measured value. A ground leak detection unit(70) compares the current and voltage with a reference value and output the ground leak detection signal to stop an engine. The current measurement unit measures the current flowing in a capacitor bank [capacitor bank](40) as a current transformer and transmits the measured current at to the ground leak detection part. The voltage measurement unit includes a first transformer(61) and a second transformer(62).

Inventors

LEE GANG WON

MOK JAI KYUN

JANG SE GI

BAE CHANG HAN

MUN KYNG HO

Latest standardized assignees - inventors removed

KOREA RAILROAD RESEARCH INSTITUTE

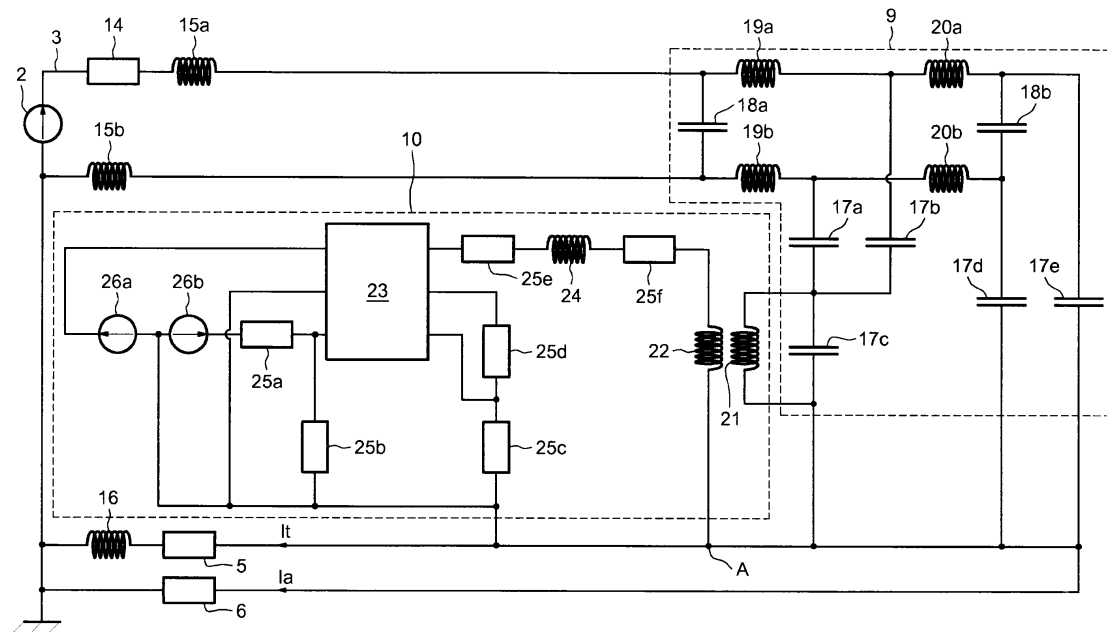
Family 2/7 - FAMPAT - ©Questel

Title

(EP2710387)

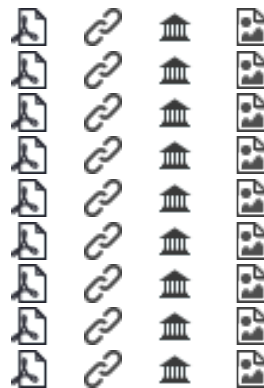
Device and method for estimating the resistance of the earth connection of an electrical apparatus

Images



Publication data including kind & date

WO2012156635	A1	2012-11-22	WO2012156635
FR2975498	A1	2012-11-23	FR2975498
FR2975498	B1	2014-02-14	FR2975498
CN103608686	A	2014-02-26	CN103608686
EP2710387	A1	2014-03-26	EP2710387
US2014176163	A1	2014-06-26	US20140176163
EP2710387	B1	2015-07-01	EP2710387
US9234858	B2	2016-01-12	US9234858
CN103608686	B	2016-03-16	CN103608686B



Abstract

(EP2710387)

Device and corresponding method for estimating the resistance of the earth connection (5) of an electrical apparatus (1) connected to an electrical power network, also connected to earth by an additional resistance (6), and comprising at least one impedance disposed at the input of the electrical apparatus, characterized in that it comprises a voltage generator (10) connected to said impedance and connected to earth, means for measuring the current flowing to earth (12) and calculation means (13) able to estimate the resistance of the earth connection (5) as a function of the current flowing to earth (I_t). The invention finds application in the estimation of the resistance of the earth connection of the charger of an electric or hybrid traction motor vehicle.

Inventors

RIPOLL CHRISTOPHE

CAUMON PASCAL

Latest standardized assignees - inventors removed

RENAULT

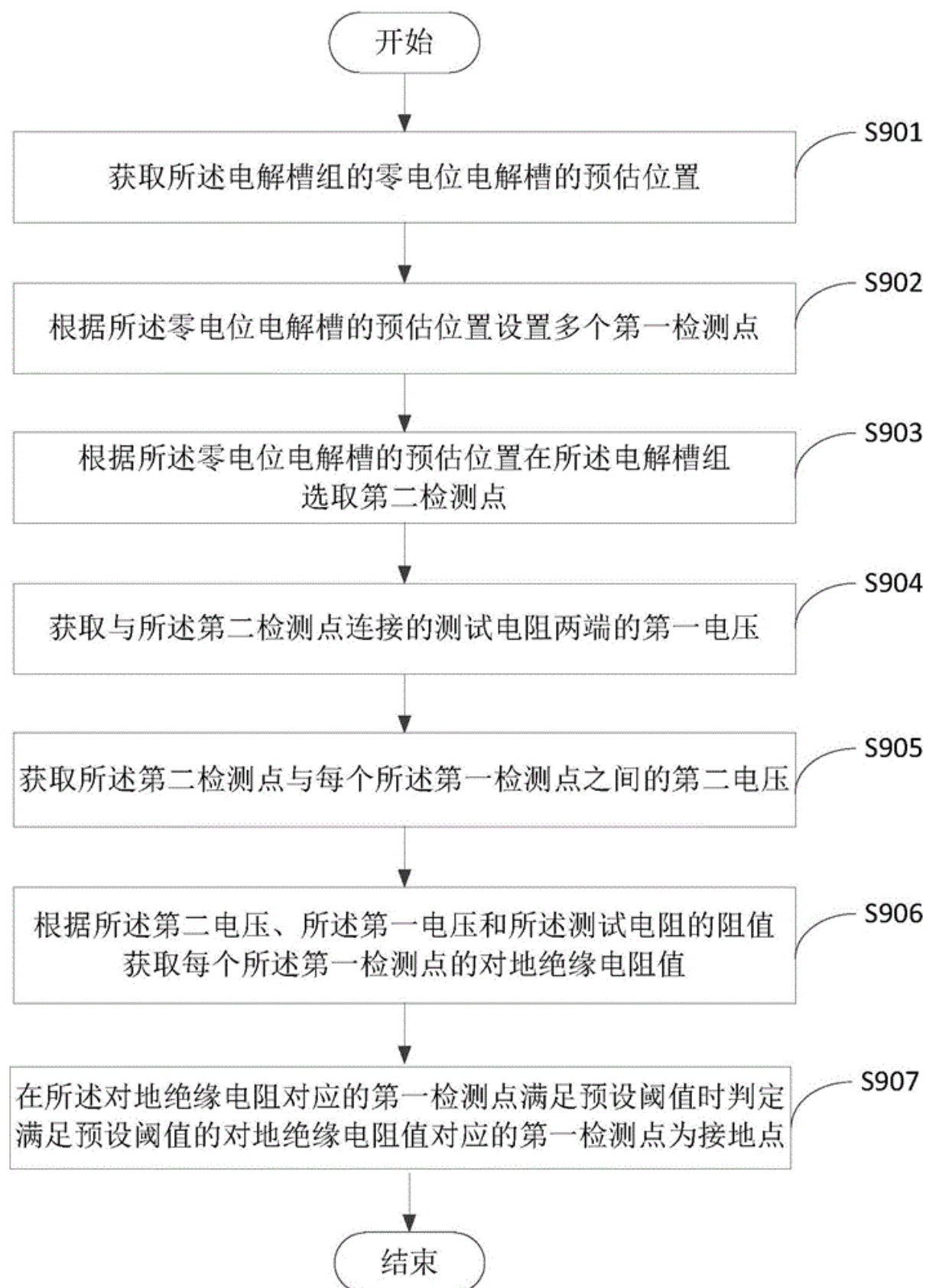
Family 3/7 - FAMPAT - ©Questel

Title

(CN106093576)

Electrolyte tank group ground insulation resistor detection method and electrolyte tank group ground insulation resistor detection device

Images



Publication data including kind & date

CN106093576

A

2016-11-09

CN106093576



Abstract

(CN106093576)

The invention provides an electrolyte tank group ground insulation resistor detection method and an electrolyte tank group ground insulation resistor detection device. According to the ground insulation resistance detection method of the electrolyte tank group of the prior art, an universal instrument is directly used for detection, and then the technical problems such as

the damaging of the universal instrument or the large measurement errors are caused by the high voltage, the large strong current, and the high intensity magnetic field of the electrolytic tank group. The above mentioned technical problems of the prior art are solved by using the detection method and the detection device provided by the invention. By adopting the detection method and the detection device provided by the invention, a testing resistor, the resistance value of which is given, is connected with the electrolytic tank group, and the voltage of the whole segment or the voltage between partial segments of the electrolytic tank group can be tested, and at the same time, the voltages of the two ends of the testing resistor are tested, and then the ground insulation resistor of the electrolytic tank group is acquired by adopting the Ohm law, and the technical effect of the electrolytic tank group of detecting the resistance value of the ground insulation resistor is acquired by lossless measurement of related data of a testing circuit.

Inventors

XIE LIN

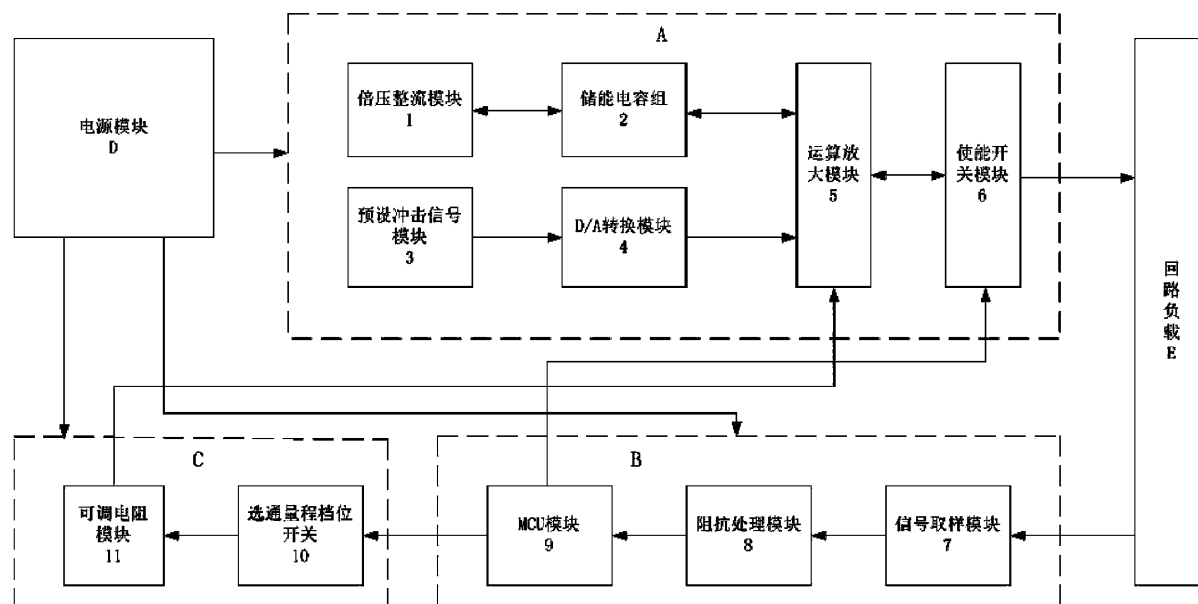
Family 4/7 - FAMPAT - ©Questel

Title

(CN203811687U)

Impact signal generation device based on self-adaptive adjusting output technology

Images



Publication data including kind & date

CN203811687

U

2014-09-03

CN203811687U



Abstract

(CN203811687U)

The utility model discloses an impact signal generation device based on the self-adaptive adjusting output technology. The device comprises a signal output unit, a signal sampling and output control unit, a self-adaptive impedance matching unit and a power supply module. The device can achieve effective prediction and determination of current loop load situations, adjusts the impedance level range optimally matched with the load automatically according to the prediction results and achieves self-adaptive adjusting and optimized output of an impact current measuring signal.

Inventors

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Latest standardized assignees - inventors removed

ZHAOTONG POWER SUPPLY BUREAU OF YUNNAN POWER GRID

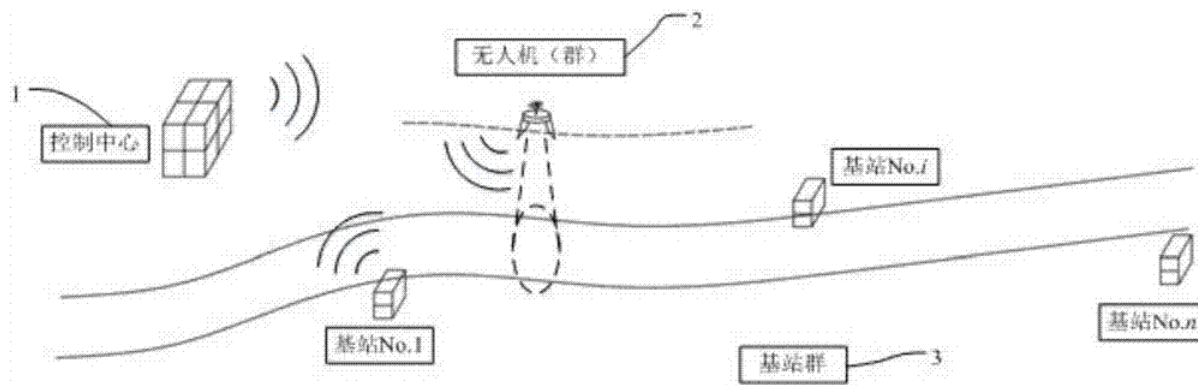
XIAMEN RED PHASE INSTR

Family 5/7 - FAMPAT - ©Questel

Title

(CN107727239)

Method based on an unmanned aerial vehicle telemetry method and a system of the leakage dam

Images**Publication data including kind & date**[CN107727239](#)

A

2018-02-23

CN107727239

**Abstract**

(CN107727239)

The present invention relates to the technical field of hydroelectric project water use, in particular to a method based on an unmanned aerial vehicle of the leakage dam telemetry method and system, comprising a control center, an unmanned group and the group of the user, the control center communicates in real time and unmanned aircraft, unmanned machines and the base station group communicate in real time, real-time communication with the control center station group; the present invention has the advantages that: the present invention provides a method and a system based on an unmanned aerial vehicle telemetry leak dam, through the system by the control center, an unmanned aerial vehicle (group) and a base station of a group, and implements two communication. The present invention is suitable for the long-time, remote, unmanned aircraft weather-cruise field, is provided with intelligence, systematic, operability is good, and high efficiency advantages.

Inventors

PENG DONG

CHEN PENG

WANG HUAN

Latest standardized assignees - inventors removed

JIANGSU BUILT UP CIVIL ENGINEERING TECHNOLOGY

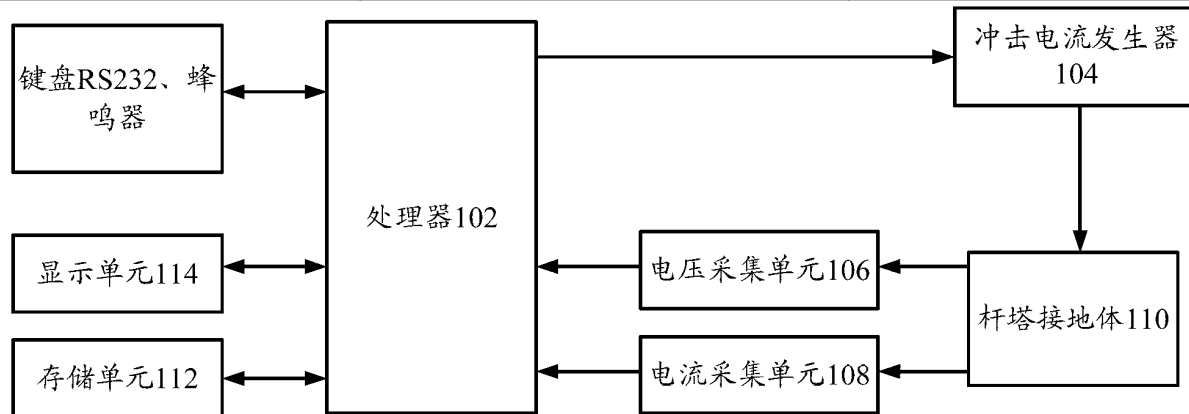
Family 6/7 - FAMPAT - ©Questel

Title

(CN203365555U)

Tower impulse grounding resistance measuring device

Images

**Publication data including kind & date**

CN203365555

U

2013-12-25

CN203365555U

**Abstract**

(CN203365555U)

The utility model provides a tower impulse grounding resistance measuring device. The tower impulse grounding resistance measuring device comprises a processor, an impulse current generator, a voltage acquisition unit and a current acquisition unit, wherein the processor is connected with the impulse current generator, triggers the impulse current generator when receiving a measuring command, and obtains a tower impulse grounding resistance result according to a received voltage value and a received current value; the impulse current generator is connected between the processor and a tower grounding body, generates an incident current when receiving a triggering instruction of the processor, and injects the incident current into the tower grounding body; the voltage acquisition unit is connected between the tower grounding body and the processor, collects the voltage of the tower grounding body, and sends the collected voltage value to the processor; and the current acquisition unit is connected between the tower grounding body and the processor, collects the current of the tower grounding body, and sends the collected current value to the processor. According to the technical scheme, measuring precision is improved, the measuring circuit is simplified, and cost is saved.

Inventors

KUANG JUN

Latest standardized assignees - inventors removed

CHONGQING ELECTRIC POWER

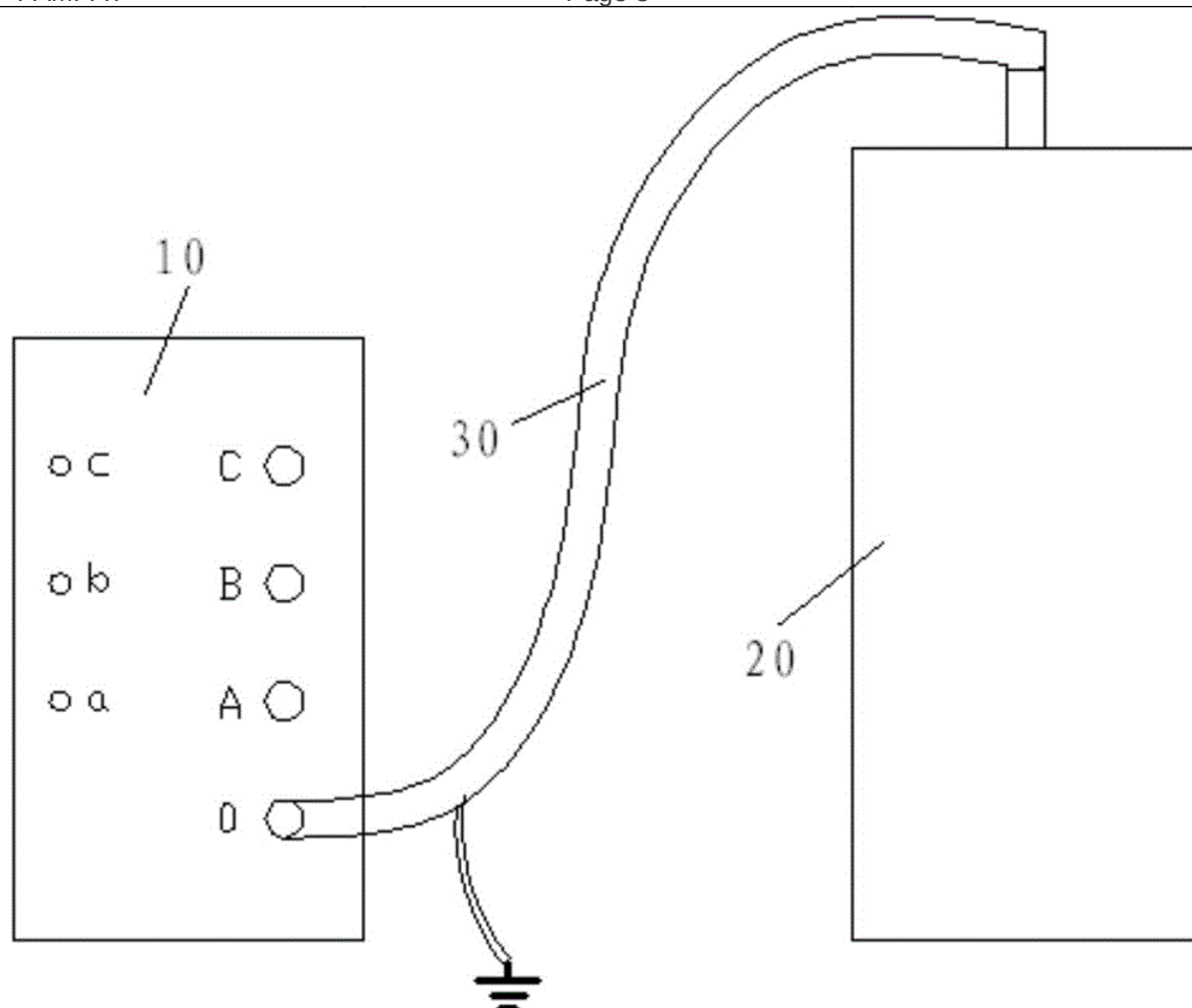
Family 7/7 - FAMPAT - ©Questel

Title

(CN106597192)

Transformer grounding resistance device and method for detecting the same

Images

**Publication data including kind & date**[CN106597192](#)

A 2017-04-26 CN106597192

**Abstract**

(CN106597192)

The invention provides a transformer grounding resistance device and method for detecting the same. The transformer grounding resistance device includes a transformer (10), a grounding resistance box (20), a current transformer, a flexible cable (30) which includes a copper wire arranged in the center, an outer sheath arranged at the outmost layer and a metal shielding layer arranged between the copper wire and the outer sheath, and a lead whose first end is in line connection with the metal shielding layer and whose second end penetrates through the current transformer. The first end of the flexible cable (30) is connected with the transformer (10), and the second end of the flexible cable (30) is connected with the grounding resistance box (20). The technical scheme of the invention effectively solves the problem of electrified detection of a transformer in the prior art.

Inventors

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Latest standardized assignees - inventors removed

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