

Title (en)

DEVICE FOR DIAGNOSING MEASUREMENT OBJECTS USING A MEASUREMENT VOLTAGE

Title (de)

VORRICHTUNG ZUR DIAGNOSE VON MESSOBJEKTEN UNTER VERWENDUNG EINER MESSSPANNUNG

Title (fr)

DISPOSITIF DE DIAGNOSTIC D'OBJETS MESURÉS À L'AIDE D'UNE TENSION DE MESURE

Publication

**EP 2414851 A1 20120208 (DE)**

Application

**EP 10716470 A 20100326**

Priority

- EP 2010001931 W 20100326
- DE 102009015280 A 20090401

Abstract (en)

[origin: WO2010112181A1] A device for diagnosing measurement objects using a measurement voltage comprises a housing (2), in which at least one electric measurement circuit (3) is arranged for carrying out the diagnosis. To this end, the device is designed for the simultaneous diagnosis of a plurality of measurement objects using the same measurement voltage and comprises at least two separate connecting elements (5a, 5b, 5c) for connecting one measurement object each to the measurement voltage. The measurement circuit (2) in turn comprises at least two current detection units (20a, 20b, 20c) and a voltage detection unit (26), by means of which the current flowing through each measurement object and the measurement voltages present at all measurement objects can be measured at the same time.

IPC 8 full level

**G01R 31/14** (2006.01); **G01R 27/26** (2006.01); **G01R 31/58** (2020.01)

CPC (source: EP US)

**G01R 31/14** (2013.01 - EP US); **G01R 31/58** (2020.01 - EP); **G01R 27/2694** (2013.01 - EP US); **G01R 31/1272** (2013.01 - EP US); **G01R 31/52** (2020.01 - EP US); **G01R 31/58** (2020.01 - US)

Citation (search report)

See references of WO 2010112181A1

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DOCDB simple family (publication)

**WO 2010112181 A1 20101007**; CN 102449493 A 20120509; DE 102009015280 A1 20101014; EP 2414851 A1 20120208; US 2012013344 A1 20120119

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