

Title (en)

MONITORING DEVICE FOR AN ISOLATED NETWORK OF A PHOTOVOLTAIC SYSTEM

Title (de)

ÜBERWACHUNGSEINRICHTUNG FÜR EIN ISOLIERT AUFGEBAUTES NETZ EINER PHOTOVOLTAIKANLAGE

Title (fr)

DISPOSITIF DE SURVEILLANCE POUR UN RÉSEAU ÉLECTRIQUE, RÉALISÉ ISOLÉ, D'UNE INSTALLATION PHOTOVOLTAÏQUE

Publication

EP 2697879 A1 20140219 (DE)

Application

EP 12703964 A 20120201

Priority

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- DE 102011017051 A 20110414
- EP 2012000433 W 20120201

Abstract (en)

[origin: US2012256754A1] A monitoring device for an ungrounded electric network of a photovoltaic system. The monitoring device includes a short circuit measuring circuit having a first electric measuring circuit conductor connecting a first electric pole of the photovoltaic system with a reference point by means of at least one protective component, and second electric measuring circuit conductor for connecting a second electric pole of the photovoltaic system with ground by means of at least one protective component. A first component is connected between one of the measuring circuit conductors and ground, and a measuring device for measuring an electric parameter of the first component, wherein a non-zero value of the parameter and/or a change of the value of the parameter indicate an electric fault between the photovoltaic system and ground.

IPC 8 full level

G01R 27/18 (2006.01); **H02H 3/087** (2006.01); **H02H 3/10** (2006.01); **H02H 3/14** (2006.01); **H02H 3/16** (2006.01); **H02H 3/20** (2006.01)

CPC (source: AT EP US)

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Citation (search report)

See references of WO 2012139678A1

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