Title (en)

SEPARATING DEVICE HAVING AN ENERGY STORAGE FOR AN ENERGY-CONDUCTING ELECTRIC LEAD

Title (de)

TRENNVORRICHTUNG MIT ENERGIESPEICHER FÜR ENERGIEFÜHRENDE ELEKTRISCHE LEITUNG

Title (fr)

DISPOSITIF DE SÉPARATION ÉQUIPÉ D'UN COLLECTEUR D'ÉNERGIE POUR UNE LIGNE ÉLECTRIQUE ACHEMINANT DE L'ÉNERGIE

Publication

EP 2203912 A1 20100707 (DE)

Application

EP 08803225 A 20080826

Priority

- EP 2008061157 W 20080826
- EP 07118688 A 20071017
- EP 08803225 A 20080826

Abstract (en)

[origin: EP2051220A1] The device has monitoring units (151a, 152a, 160) for monitoring electrical properties of a conductor section of a conductor, where the conductor section is adjacent to the device. Energy storage (140) i.e. double layer condenser, is coupled with the monitoring units, so that a function of the monitoring units is sustained when failure of the conductor is sustained. A switching element (131a) is coupled with the monitoring units, and is adjusted such that the conductor section is separated during failure of the conductor. Independent claims are also included for the following: (1) a power supply system for an electrical device i.e. peripheral device of a risk detection system, comprising an electric conductor (2) a method for providing electrical energy.

IPC 8 full level

G08B 25/04 (2006.01); **G08B 25/00** (2006.01)

CPC (source: EP US)

G08B 25/018 (2013.01 - EP US); **G08B 25/04** (2013.01 - EP US); **G08B 25/045** (2013.01 - EP US); **G08B 26/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2009049949A1

Cited by

CN109991503A; EP3503591A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2051220 A1 20090422; AT E517409 T1 20110815; EP 2203912 A1 20100707; EP 2203912 B1 20110720; US 2010232080 A1 20100916; WO 2009049949 A1 20090423

DOCDB simple family (application)

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