

Title (en)

Alarm, hazard warning assembly and method for detecting circuit faults

Title (de)

Gefahrenmelder, Gefahrenmeldeanlage und Verfahren zum Erkennen von Leitungsfehlern

Title (fr)

Alarme, installation d'alarme et procédé de reconnaissance d'erreurs de lignes de transmission

Publication

EP 2437228 B1 20160810 (DE)

Application

EP 11008014 A 20111004

Priority

DE 102010047227 A 20101004

Abstract (en)

[origin: EP2437228A2] The method involves setting power supply voltage for hazard detector (8), to measure first terminal voltage. The second terminal voltage of detector is measured by loading voltage source with defined current. A comparison voltage is detected by comparing first and second terminal voltages. The third terminal voltage of detector is measured when switch of connecting line (7) of detectors is closed, and is compared with comparison voltage. The switch is opened when third terminal voltage is below comparison voltage, to initiate operation of detector. Independent claims are included for the following: (1) hazard detector; and (2) short circuit disconnecting switch.

IPC 8 full level

G08B 26/00 (2006.01)

CPC (source: EP)

G08B 26/005 (2013.01); **G08B 29/123** (2013.01)

Citation (examination)

EP 1197936 A2 20020417 - JOB LIZENZ GMBH & CO KG [DE]

Cited by

CN112689858A; EP3825973A1; US11367339B2; US11328580B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102010047227 B3 20120301; EP 2437228 A2 20120404; EP 2437228 A3 20120516; EP 2437228 B1 20160810

DOCDB simple family (application)

DE 102010047227 A 20101004; EP 11008014 A 20111004