Title (en)
Test of reporting lines on a danger reporting assembly

Title (de)
Prüfung der Meldelinien einer Gefahrenmeldeanlage

Title (fr)
Contrôle des lignes d'alerte d'une installation d'alerte au danger

Publication
EP 2169645 A1 20100331 (DE)

Application
EP 09007163 A 20090528

Priority
DE 102008048930 A 20080925

Abstract (en)
The method involves measuring the current of the alarm system loop, and comparing with a reference value. An error report of the shortfall of the reference value is generated. A testing current is generated at the alarm system loop by the terminal module periodically during testing period. The alarm system loop is supplied with a constant line voltage. The testing current is equal to the current of an alarm. The generation of the testing current by the terminal module is activated for a time tolerated by the alarms by breaking and re-switching the line voltage. An independent claim is included for a danger alarm system, which has a central unit.

Abstract (de)
Zum Prüfen einer mit einer konstanten Linienspannung gespeisten Meldelinie mit n Meldern einer Gefahrenmeldeanlage im Ruhezustand auf unzulässig hohen Widerstand wird mittels eines Endmoduls periodisch und während einer Prüfzeit ein Prüfstrom auf der Meldelinie erzeugt, der mindestens gleich dem Strom eines Melders im Alarmzustand ist.

IPC 8 full level
G08B 29/12 (2006.01)

CPC (source: EP)
G08B 29/123 (2013.01)

Citation (search report)
- [A] EP 0405247 A1 19910102 - NOHMI BOSAI LTD [JP]
- [A] CH 581363 A5 19761029 - NOHMI BOSAI KOGYO CO LTD
- [A] GB 2286735 A 19950823 - THORN SECURITY [GB]
- [A] US 2684475 A 19540720 - TENNY LODE
- [A] GB 910920 A 19621121 - PYRENE CO LTD

Cited by
EP2701132A1; CN112689858A; CN112034274A; FR3001320A1; US11328580B2; WO2019228617A1; EP2701132B1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2169645 A1 20100331; EP 2169645 B1 20110511; AT E509334 T1 20110515; DE 102008048930 A1 20100408; DE 102008048930 B4 20110407; ES 2362822 T3 20110713

DOCDB simple family (application)
EP 09007163 A 20090528; AT 09007163 T 20090528; DE 102008048930 A 20080925; ES 09007163 T 20090528