

Title (en)

MONITORING DEVICE FOR FUNCTIONALLY MONITORING A REPORTING SYSTEM REPORTING SYSTEM AND METHOD FOR MONITORING

Title (de)

ÜBERWACHUNGSVORRICHTUNG ZUR FUNKTIONSÜBERWACHUNG EINES MELDESYSTEMS, MELDESYSTEM SOWIE VERFAHREN ZUR ÜBERWACHUNG

Title (fr)

DISPOSITIF DE SURVEILLANCE DESTINÉ À SURVEILLER LE FONCTIONNEMENT D'UN SYSTÈME DE SIGNALISATION, SYSTÈME DE SIGNALISATION ET PROCÉDÉ DE SURVEILLANCE

Publication

**EP 2277154 A1 20110126 (DE)**

Application

**EP 08874097 A 20081124**

Priority

- EP 2008066085 W 20081124
- DE 102008001428 A 20080428

Abstract (en)

[origin: WO2009132717A1] Reporting systems, such as fire alarm systems, alarm systems or the like, are usually used for communications equipment in large plants, wherein automatic or manual reports are produced at decentralized locations and are forwarded to a central control system. To this end, the reporting systems comprise a plurality of reporting units connected to one another and to the central control system by way of signal lines and/or power supply lines. In a distributed embodiment, the power supply and signal lines are combined in a two-wire line, wherein the change in current flow and voltage in the two-wire line is monitored and a report is produced in the central control system when changes occur. A monitoring device (6,10) is proposed for functionally monitoring a reporting system (1), wherein the reporting system comprises a plurality of reporting units (4) or signaling units, power supply lines (3) and a voltage source, wherein the reporting units (4) or signaling units are connected to the voltage source by way of the power supply lines (3) and wherein the reporting units (4) or signaling units are connected in parallel to one another and to the voltage source, wherein a test signal unit (6) is adapted for connecting a reference resistance R in the power supply lines (3) parallel to the reporting units (4) and/or for connecting a or the reference resistance as a termination of the power supply lines (3), and with an evaluation unit (10) for detecting and evaluating the system answer of the reporting system (1) to the connecting of the reference resistance R.

IPC 8 full level

**G08B 25/06** (2006.01); **G08B 29/06** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009132717A1

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