

Title (en)
Active line terminator module

Title (de)
Aktives Linienabschlussmodul

Title (fr)
Module de fin de ligne actif

Publication
EP 2093737 A1 20090826 (DE)

Application
EP 08003270 A 20080222

Priority
EP 08003270 A 20080222

Abstract (en)
The module (1) has a constant current sink (4) with a LED (5), a voltage regulator (6) and an intelligent electronic component i.e. microcontroller (3), arranged between lines to be monitored such that the component is connected with the sink by a line (7). The component forms standby current for the lines to be monitored such that the component switches off the current sink in cycles for short time or increases constant current and measures voltage at the lines to be monitored before and after switching off or constant current increase.

Abstract (de)
Die Erfindung betrifft ein aktives Linienabschlussmodul (1) zur Überwachung einer Leitungsimpedanz von elektrischen Anlagen, insbesondere für den Einsatz am Ende von Brandmeldelinien, wobei zwischen den zu überwachenden Leitungen eine Konstantstromsenke (4) mit Leuchtanzeige, ein Spannungsregler (6) und ein intelligenter Elektronikbaustein so angeordnet sind, dass der intelligente Elektronikbaustein mittels einer Leitung (7) mit der Konstantstromsenke (4) verbunden ist.

IPC 8 full level
G08B 29/06 (2006.01); **G08B 29/12** (2006.01)

CPC (source: EP US)
G08B 29/06 (2013.01 - EP US); **G08B 29/123** (2013.01 - EP US)

Citation (applicant)
• EP 1855261 A1 20071114 - SIEMENS BUILDING TECH AG [DE]
• WO 2009087269 A1 20090716 - MEDIXINE OY [FI], et al
• WO 2009087169 A1 20090716 - BOSCH GMBH ROBERT [DE], et al

Citation (search report)
[X] EP 1855261 A1 20071114 - SIEMENS BUILDING TECH AG [DE]

Cited by
EP2804163A1; NL2006386C2; EP2105898A3; US11328580B2; US10089859B2; EP3441958A1; CN111033588A; WO2011117168A1; WO2019029763A1; WO2014184107A1; WO2012125030A1; WO2019224264A1; US10725096B2; US11210930B2; EP2553479B1

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 2093737 A1 20090826; EP 2093737 B1 20131023; CN 101515403 A 20090826; ES 2442520 T3 20140212; PL 2093737 T3 20140331; PT 2093737 E 20131205; RU 2009106144 A 20100827; US 2009212937 A1 20090827

DOCDB simple family (application)
EP 08003270 A 20080222; CN 200910006432 A 20090218; ES 08003270 T 20080222; PL 08003270 T 20080222; PT 08003270 T 20080222; RU 2009106144 A 20090220; US 37815009 A 20090211