Title (en)

Arrangement for commuting primary leads during faults

Title (de)

Anordnung zum Umschalten von Meldeprimärleitungen bei Störungen

Title (fr)

Arrangement pour commuter des lignes primaires en cas de perturbations

Publication

EP 0503122 B1 19951213 (DE)

Application

EP 91103978 A 19910314

Priority

EP 91103978 A 19910314

Abstract (en)

[origin: EP0503122A1] In a hazard alarm system operating according to the chain synchronisation principle, one or more changeover devices (UE1, UE2,...) are disposed in the spur line (MPL1) at predetermined positions in addition to the devices (E1 to En) of a respective spur line, i.e. a first primary alarm line (MPL1). Each changeover device (UE) of the one spur line (MPL1) is provided with control electronics (STE), a through-connection device (S1) and a changeover device (US), and is connected via a second primary alarm line (MPL2) in chain formation to the hazard alarm control centre (Z). In normal operation, the spur line (MPL1) is through-connected by means of the changeover device (US or US-1, US-2) in each transmission device (UE1, UE2,...). In the event of a fault being detected in the control centre (Z), due to interruption (UB) on the spur line (MPL1), the incoming second primary alarm line (MPL2) is connected to the outgoing spur line (MPL1) by means of the control electronics (STE) and the through-connection device (S1), and the changeover device (US or US-1, US-2, US-3) of the changeover element (UE2) which is disposed in the spur line (MPL1) downstream of the interruption (UB). <IMAGE>

IPC 1-7

G08B 26/00; G08B 29/16; G08B 25/04

IPC 8 full level

G08B 25/04 (2006.01); **G08B 26/00** (2006.01); **G08B 29/16** (2006.01)

CPC (source: EP)

G08B 25/04 (2013.01); **G08B 26/005** (2013.01); **G08B 29/16** (2013.01)

Cited by

EP1508885A1; EP1510988A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL

DOCDB simple family (publication)

EP 0503122 A1 19920916; **EP 0503122 B1 19951213**; AT E131647 T1 19951215; DE 59107080 D1 19960125; ES 2080174 T3 19960201; GR 3018511 T3 19960331

DOCDB simple family (application)

EP 91103978 A 19910314; AT 91103978 T 19910314; DE 59107080 T 19910314; ES 91103978 T 19910314; GR 950403641 T 19951221