

Title (en)

METHOD AND ARRANGEMENT FOR THE FAILSAFE ALARM EVALUATION OF A SIGNAL LINE OF A HAZARD SIGNAL ARRANGEMENT

Publication

EP 0149097 A3 19850904 (DE)

Application

EP 84114714 A 19841204

Priority

DE 3346527 A 19831222

Abstract (en)

[origin: EP0149097A2] A method and an arrangement for the failsafe alarm evaluation of a signal line (primary conductor) of a hazard signal system in which the respective signal line states are evaluated in an exchange (Z). An event occurring on the signal line (ML) produces a threshold signal (SWSI) at the output (A) of a window discriminator (FD) installed in the exchange (Z). The threshold signal is maintained for as long as the input signal of the window discriminator (FD) transgresses an upper or a lower threshold value. When the threshold signal (SWSI) occurs, a digital disturbance value suppression device (SAE) connected to the output of the window discriminator (FD) periodically checks for a specified time whether the threshold signal (SWSI) is still present. Only after said specified time has elapsed is an output signal (ASI) fed to the alarm evaluation device (MAE), the checking operation being terminated when the event vanishes and started again if a threshold signal (SWSI) is again present. The disturbance variable suppression device (SAE) has a clock generator (TG) and two memory elements (FF1, FF2) which are arranged in series or parallel and linked to one another and to which the threshold signal (SWSI) and the clock signal (TS) are applied. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

G08B 29/185 (2013.01); **G08B 29/24** (2013.01)

Citation (search report)

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