

Title (en)
Direct current signalling installation.

Title (de)
Gleichstrommeldeanlage.

Title (fr)
Installation de signalisation à courant continu.

Publication
EP 0090399 A1 19831005 (DE)

Application
EP 83103070 A 19830328

Priority
DE 3211550 A 19820329

Abstract (en)
1. A direct current signalling installation having at least one two-wire signalling line (ML) which emanates from a central unit (Z) and to which is connected a plurality of signal units (Ml to Mn), each with at least one series resistor (R) in the signalling line (ML) and a signalling switch (S) arranged parallel to the signalling line (ML), by means of which switch (S) the respective resistance value can be suddenly changed, where in order to determine the momentary resistance value of the respective signalling line (ML) the central unit (Z) is provided with a measuring device (ME) and an analysing device (AW) which follows the latter and which determines the alarm-triggering signal from the momentary resistance value of the respective signalling line (ML) and comparison values which correspond to the triggering of the individual signals, characterised in that each signal unit (M1 to Mn) only has one resistor (R) arranged in series in the signalling line (ML), that the signalling switch (S) is directly connected between the two wires of the signalling line (ML), that in the measuring and analysing device (ME/AW) each signal unit (Ml to Mn) is assigned a window discriminator (Dl to Dn), where the comparison value which corresponds to the triggering of the assigned signal unit (Ml to Mn) is formed by a comparison voltage connected to the reference input and a voltage which corresponds to the resistance value of the signalling line supplied to the measuring input, and that the output of each window discriminator (Dl to Dn) leads to a display device (ANZl to ANZn).

Abstract (de)
In einer Gleichstrommeldeanlage mit einer Zentrale (Z) und mit mehreren Meldelinien (ML) sind an die einzelnen Meldelinien mehrere Melder (M1 bis Mn) angeschlossen. Aus dem sich ändernden Widerstandswert eines alarmanlösenden Melder (M) der jeweiligen Meldelinie (ML) wird mittels Fensterdiskriminatoren (D0 bis Dn) in der Zentrale (Z) ein Alarm erkannt und der betreffende Melder angezeigt (ANZ). Dabei ist in jedem Melder (M) ein Widerstand (R) in Reihe in die Meldelinie (ML) geschaltet und ein Meldeschalter (S) parallel zur Meldeinie (ML) angeordnet, der im Ruhezustand geöffnet ist.

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G08B 25/00

IPC 8 full level
G08B 25/00 (2006.01); **G08B 25/01** (2006.01)

CPC (source: EP)
G08B 25/018 (2013.01)

Citation (search report)
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