Title (en)

Device for connecting additional elements to an existing alarm line

Title (de)

Einrichtung zum Anschliessen weiterer Elemente an eine bereits bestehende Meldeprimärleitung

Title (fr)

Dispositif pour raccorder des éléments additionnels à une ligne servant à la surveillance et déjà existante

Publication

EP 0450119 B1 19960110 (DE)

Application

EP 90106374 A 19900403

Priority

EP 90106374 A 19900403

Abstract (en)

[origin: EP0450119A1] In an emergency alarm system operating according to the chain synchronisation principle, the devices (El to En) are addressed automatically by their disposition on the line (MPL). Data are exchanged between the individual devices (El to En) and the central unit (Z) with the cyclic polling of a central unit (Z). At least one coupling device (T-coupler TK) is inserted in the primary alarm line (MPL) in any location between two devices. Further devices (E(n+l)) are connected to the coupler device (TK) via a spur line which forms an additional primary alarm line (MPLS). The coupler device (TK) has an electronic measuring and switching system (MSE) which controls a switching device, e.g. at least one line switch (LS1), which delays the polling of the spur line until all devices (El to En) of the primary alarm line (MPL) are polled, where the coupler device (TK) detects the polling of the last device (En) and then connects the spur line (MPLS) for further polling.

IPC 1-7

G08B 26/00

IPC 8 full level

G08B 26/00 (2006.01)

CPC (source: EP)

G08B 26/005 (2013.01)

Cited by

DE10240650B3; EP1398745A3; US7907047B2; US7403096B2; WO2011054458A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0450119 A1 19911009; **EP 0450119 B1 19960110**; AT E132996 T1 19960115; DE 59010050 D1 19960222; DK 0450119 T3 19960226; ES 2081865 T3 19960316; GR 3018643 T3 19960430

DOCDB simple family (application)

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