

Title (en)  
DEVICE FOR THE TRANSMISSION OF MEASURED VALUES IN A FIRE WARNING SYSTEM

Publication  
**EP 0042501 B1 19850508 (DE)**

Application  
**EP 81104115 A 19810529**

Priority  
CH 480380 A 19800623

Abstract (en)  
[origin: US4404548A] In a fire alarm system individual fire alarms are connected in series by reporting lines with a central signal station. In order to be able to connect a greater number of fire alarms with the individual reporting or signaling lines and/or in order to be able to dispatch an increased amount of current through the reporting lines, the reporting or signaling lines from the last fire alarm of a line are returned back to the central signal station in the form of a ring circuit or loop. Upon the absence of signals at a reporting line an interrogation device is reversed, so that there can be ensured that in the event of a line disturbance or breakdown of a fire alarm the remainder of the fire alarms still can be utilized for giving a signal. The individual fire alarms are structured such that during assembly the inputs and outputs can be mutually interchanged.

IPC 1-7  
**G08B 26/00**

IPC 8 full level  
**G08B 25/00** (2006.01); **G08B 17/00** (2006.01); **G08B 26/00** (2006.01); **G08B 29/02** (2006.01); **G08B 29/06** (2006.01)

CPC (source: EP US)  
**G08B 17/00** (2013.01 - EP US); **G08B 26/005** (2013.01 - EP US)

Cited by  
EP0243928A3; EP0418409A1; DE4036639A1; EP0101172A1; DE19940700C2; EP0093872A1; US4612534A; EP0111178A1; US4568919A; US5801913A; US4528610A; USRE34643E; US6838999B1

Designated contracting state (EPC)  
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0042501 A1 19811230; EP 0042501 B1 19850508**; AT E13231 T1 19850515; CH 651688 A5 19850930; DE 3170379 D1 19850613; DK 263881 A 19811224; FI 811935 L 19811224; JP S5730098 A 19820218; JP S64753 B2 19890109; NO 152526 B 19850701; NO 152526 C 19851009; NO 812130 L 19811228; US 4404548 A 19830913

DOCDB simple family (application)  
**EP 81104115 A 19810529**; AT 81104115 T 19810529; CH 480380 A 19800623; DE 3170379 T 19810529; DK 263881 A 19810616; FI 811935 A 19810618; JP 9541281 A 19810622; NO 812130 A 19810622; US 27118781 A 19810608