

Title (en)  
MEASURED VALUE TRANSMISSION METHOD

Publication  
**EP 0212106 B1 19900404 (DE)**

Application  
**EP 86107772 A 19860606**

Priority  
CH 296785 A 19850710

Abstract (en)  
[origin: EP0212106A1] 1. A method of transmitting measured values in a surveillance system for the protection of buildings and having monitoring points (MS) which contain a measuring sensor (M), a measured value transducer (W) and a switch element (S) controlled by a monitoring unit (KE), and which, for the purpose of transmitting signals, are connected in a chain-like manner by way of signal lines (L) to first pairs of terminals (K1) of a signal exchange (Z) in which the signals are then combined to obtain differentiated fault or alarm signals, characterised in that the switching elements (S) provided in the monitoring points (MS) are conductive when put into operation, whereby the line signal on the signal line (L) arrives at all the monitoring points (MS) and permits the latter to synchronize to the synchronizing information contained in the line signal, that all the monitoring points (MS) are brought into a neutral state by a reset command from the signal exchange (Z), that the associated switching element (S) is momentarily opened by a control command of the monitoring unit (KE) at predetermined instant within the time raster defined by the synchronizing information, and that, as a result of this voltage interruption, all the monitoring points (MS), with the exception of the first monitoring point, receive a mark which indicates that the line signal received only serves for synchronization purposes and not for evaluation, and that the first monitoring point (MS1) is the only one to evaluate the signal, perform the corresponding command, give the reply and then switch on the switching element (S1) permanently, whereby the following monitoring point (MS2) receives a line signal without a mark and therefore in turn evaluates the signal, performs the corresponding command, gives a reply and then also switches on the associated switching element (S2) permanently, so that the operation can be repeated at the further monitoring points (MS) until the cycle is terminated at the last monitoring point (MSm) and a fresh cycle is started by a reset command by bringing all the monitoring points (MS) into the neutral state again.

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  
EP1645965A3; DE19940700C2; EP1622039A1; US6838999B1; WO2005024749A3

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

DOCDB simple family (publication)  
**EP 0212106 A1 19870304; EP 0212106 B1 19900404**; AT E51723 T1 19900415; BR 8603217 A 19870224; CH 668496 A5 19881230; DE 3670164 D1 19900510; NO 862686 D0 19860702; NO 862686 L 19870112

DOCDB simple family (application)  
**EP 86107772 A 19860606**; AT 86107772 T 19860606; BR 8603217 A 19860709; CH 296785 A 19850710; DE 3670164 T 19860606; NO 862686 A 19860702