

Title (en)

METHOD FOR THE AUTOMATIC IDENTIFICATION OF THE TYPE OF MEASURING INSTRUMENT OF AN ACQUISITION AND TRANSMISSION ARRANGEMENT FOR MEASURED VALUES USING OPTICAL FIBRES

Publication

EP 0266635 A3 19881221 (DE)

Application

EP 87115464 A 19871022

Priority

DE 3637689 A 19861105

Abstract (en)

[origin: US4810891A] A system for the automatic identification of the type of measuring head (1) of a fiber optic measurement value acquisition and transmission device which exhibits a measurement signal fiber (3) and a control signal fiber (4), in which the measuring head (1) can be remotely operated from a control unit (2) by means of control signals which are transmitted via the control signal fiber and, in particular, can be caused to emit a calibration signal. According to the invention, calibration signals of different frequencies are provided for various types of measuring heads. Using the frequency of the calibration signal, the control device is capable of identifying in each case the measuring head connected to it.

IPC 1-7

G08C 23/00; **G01D 5/26**

IPC 8 full level

G08C 23/06 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [A] US 4219762 A 19800826 - GILBERT RAINE M [US]
- [A] DE 3526049 A1 19860605 - ELEKTROPROJEKT ANLAGENBAU VEB [DD]
- [A] US 4213119 A 19800715 - DILS MICHAEL A [US], et al
- [XP] DE 3637689 C1 19870625 - BBC BROWN BOVERI & CIE

Cited by

GB2273840A

Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

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