Title (en)

TRANSMISSION ARRANGEMENT FOR THE MEASURED VALUES OF A SENSOR

Publication

EP 0272750 A3 19890906 (DE)

Application

EP 87202516 A 19871215

Priority

DE 3643715 A 19861220

Abstract (en)

[origin: US4866436A] During the transmission of measurement values of a sensor from a transmitter circuit to a receiver circuit, for example via an optical fibre, use has been made of a device which must be activated by the receiver circuit before a measurement value can be transmitted. This is done in order to achieve potential freedom. The novel device for transmitting the sensor measurement values aims to operate faster and independently of the receiver circuit. The sensor (1) is activated by control pulses generated by a pulse generator circuit (3) and applies to the pulse generator circuit, during the occurrence of a control pulse, a measurement pulse which is dependent on the measurement value circuit. The repetition frequency and/or the width of the control pulse then depends on the amplitude value of the measurement pulses.

IPC 1-7

G08C 23/00; G08C 19/16

IPC 8 full level

G08C 19/16 (2006.01); **G08C 19/22** (2006.01); **G08C 19/26** (2006.01); **G08C 23/04** (2006.01); **G08C 23/06** (2006.01)

CPC (source: EP US)

G08C 19/22 (2013.01 - EP US); **G08C 19/26** (2013.01 - EP US); **G08C 23/06** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 3215131 A1 19831027 - PHILIPS PATENTVERWALTUNG [DE]
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EP0323871A3; GB2273840A; US6078877A; EP0509920A1; FR2675609A1

Designated contracting state (EPC)

DE FR GB

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