

Title (en)

Collecting system of alarms from a group of stations

Title (de)

Systemeinrichtung zur Sammlung von Alarmsignalen einer Stationskette

Title (fr)

Système de collecte des alarmes d'un ensemble de stations

Publication

**EP 0361298 B1 19961030 (FR)**

Application

**EP 89117377 A 19890920**

Priority

FR 8812534 A 19880926

Abstract (en)

[origin: EP0361298A1] A central station (SC) is connected in series with the stations by a looped connection comprising a message loop (BM), a clock-signal loop (BH) and a state-control loop (BCE). Each station comprises an interface (I) connected to the various loops of the connection. The message loop routes messages transmitted by the central station destined for at least one interface, the responses from the interfaces, and messages transmitted by the interfaces destined for the central station. The clock-signal loop routes a clock signal transmitted by the central station and the state-control loop routes a state-control signal transmitted by the central station, this signal having a first value for a drive mode of operation and a second value for a reserve mode of operation of the interfaces; the passing from the first to the second value enables the control of a reset to zero of the interfaces. The clock and state-control signals have the same circulation sense, the messages having an inverse circulation sense.

IPC 1-7

**G08B 25/00**; **G08B 26/00**; **G08B 29/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

(IEE PROCEEDINGS-G/ELECTRONIC CIRCUITS AND SYSTEMS) vol. 135, no. 1, part G, février 1988, pages 1 - 10, Stevenage, Herts., GB; A.J. AL-KHALILI et al.: "Multiple single-chip microcomputer approach to fire detecting and monitoring system"

Cited by

EP0503122A1; EP0452057A3; EP0477607A3; FR2675932A1; DE19514831B4; WO9220051A1

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