

Title (en)

Data transmitting system for road traffic signal devices.

Title (de)

Datenübertragungssystem für Strassenverkehrssignalanlagen.

Title (fr)

Système de transmission de données pour dispositifs de signalisation de circulation routière.

Publication

EP 0296426 B1 19940420 (DE)

Application

EP 88109284 A 19880610

Priority

DE 3721181 A 19870626

Abstract (en)

[origin: EP0296426A2] In a data transmission system for road traffic signal systems having a central traffic computer (VSR) with a connection assembly (ABG) for input/output units (EAE), which assembly has a plurality of central modems (ZMO 1,2,3,...), and having a plurality of micro-processor-controlled (MP) crossconnection devices (KG 1,2,3,...), having in each case a device modem (GEMO) which is connected via a 2-wire telecommunications line (FL 1,2,...) to the central modem (ZMO 1,2,...), the data transmission between the traffic computer (VSR) and the crossconnection devices (KG 1,2,3,...) taking place in a predeterminable time-slot pattern (ZR) with fast-frequency shift keying (FFSK), the central modems (ZMO 1,2,...) are controlled by a microcomputer (MC) in the input/output unit (EAE) and connected via an input/output memory (EASP) to the connection assembly (ABG). The device modem is connected via two separate interfaces to the microprocessor (MP) of the crossconnection device (KG). In a first mode of operation only control data are transmitted, for which the first interface has a control interface (STIF), and in a second mode of operation supply data and measuring data are additionally transmitted, for which the second interface has a serial data interface (SDIF).
<IMAGE>

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G08G 1/07

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