

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**

IPC 8 full level

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