

Title (en)

DEVICE FOR DATA TRANSMISSION BETWEEN VEHICLE SENSORS AND A PROCESSOR IN A CONTROLLER

Title (de)

VORRICHTUNG ZUR DATENÜBERTRAGUNG ZWISCHEN FAHRZEUGSENSOREN UND EINEM PROZESSOR EINES STEUERGERÄTS

Title (fr)

DISPOSITIF DE TRANSMISSION DE DONNEES ENTRE DES CAPTEURS DE VITESSE DE VEHICULE ET UN PROCESSEUR D'UN APPAREIL DE COMMANDE

Publication

EP 1371045 B1 20130925 (DE)

Application

EP 02704577 A 20020111

Priority

- DE 0200069 W 20020111
- DE 10111265 A 20010309

Abstract (en)

[origin: WO02073568A1] A device for data transmission between vehicle sensors and a processor in a controller is disclosed, which serves to decode data telegrams with sensor data from the vehicle sensors and to reformat the above into SPI (Serial Peripheral Interface) data telegrams. An interface chip in the controller then transmits the SPI data telegrams to the processor of the controller. It is possible for the processor to call up either the most recent sensor data or the preceding sensor data by using an age-bit. The interface chip converts the sensor data into a 10-bit data field in an SPI data telegram, by filling in any possible missing data. The interface chip recognises data telegrams from the sensors by means of counting flanks.

IPC 8 full level

G08C 19/00 (2006.01); **H04L 25/49** (2006.01)

CPC (source: EP US)

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Cited by

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