

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 A1 20031217 (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 1-7

**G08C 19/00**

IPC 8 full level

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

CPC (source: EP US)

**G08C 19/00** (2013.01 - EP US)

Citation (search report)

See references of WO 02073568A1

Cited by

DE102018132024A1; WO2020120071A1; US11722334B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**WO 02073568 A1 20020919**; DE 10111265 A1 20020912; DE 10111265 B4 20051201; EP 1371045 A1 20031217; EP 1371045 B1 20130925; JP 2004519058 A 20040624; JP 4065783 B2 20080326; US 2003171853 A1 20030911; US 6665593 B2 20031216

DOCDB simple family (application)

**DE 0200069 W 20020111**; DE 10111265 A 20010309; EP 02704577 A 20020111; JP 2002572143 A 20020111; US 27615203 A 20030505