

Title (en)

METHOD AND DEVICE FOR MONITORING SIGNAL PROCESSING UNITS FOR SENSORS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERWACHEN VON SIGNALVERARBEITUNGSEINHEITEN FÜR SENSOREN

Title (fr)

PROCEDE ET DISPOSITIF POUR CONTROLER DES UNITES DE TRAITEMENT DE SIGNAUX POUR DES DETECTEURS

Publication

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Application

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Abstract (en)

[origin: WO2005080164A1] The invention concerns a method and device for monitoring signal processing units for sensors that detect individual process control quantities or process measured quantities of a process. In order to improve the reliability of the sensor data of a vehicle, an at least redundant processing of the sensor data ensues in two identical signal processing units (43, 31, 46; 44, 32, 45) that, independent of and separate from one another, respectively comprise at least two preprocessing devices (43, 44) in two evaluating devices (31, 32). The sensor data are transferred via separate signal lines (60, 61) between the respective preprocessing device (43, 44) and the associated evaluating device (31, 32).

IPC 8 full level

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