

Title (en)

DEVICE FOR MONITORING SENSOR MEANS ARRANGED IN A VEHICLE

Title (de)

VORRICHTUNG ZUR ÜBERWACHUNG VON IN EINEM FAHRZEUG ANGEORDNETEN SENSORMITTELN

Title (fr)

DISPOSITIF DE CONTROLE DE MOYENS DETECTEURS AGENCES DANS UN VEHICULE

Publication

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Application

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Abstract (en)

[origin: WO02055356A1] The invention relates to a device for monitoring sensor means that are arranged in a vehicle, whereby at least one first and one second sensor means are involved. These sensor means, together, form a first sensor groups and are used to determine measured values for a first physical quantity. The device comprises preparation means with which the measured values determined by the sensor means that belong to the first sensor group are processed and are supplied to at least two redundant evaluation means. In the at least two redundant evaluation means, one comparison at a time is carried out in order to identify a fault, which occurs at at least one of the sensor means that belongs to the first sensor group. This comparison involves comparing the measured values of the first sensor means with the measured values of the second sensor means. At least two redundant preparation means, of which one at a time is assigned to one of the evaluation means, are used in order to increase the reliability when monitoring the sensor means.

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