

Title (en)

IDENTIFYING INTERFERENCE IN RECEIVED ECHO SIGNALS FROM A GROUP OF SENSORS

Title (de)

IDENTIFIZIEREN EINER STÖRUNG IN EMPFANGENEN ECHOSIGNALEN EINER GRUPPE VON SENSOREN

Title (fr)

IDENTIFICATION D'UNE PERTURBATION DANS DES SIGNAUX D'ÉCHO D'UN GROUPE DE CAPTEURS REÇUS

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Application

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Abstract (en)

[origin: WO2022171641A1] The invention relates to a method for operating a sensor arrangement (12) having a control unit (14) and a plurality of sensors (16) which are arranged in at least one group (18, 20), wherein the sensors (16) are connected to a common electrical supply, in particular via the control unit (14), comprising the steps of using the sensors (16) to emit sensor signals, wherein the sensors (16) in each group (18, 20) emit the sensor signals thereof in the particular group transmission phase thereof, receiving echo signals on the basis of reflections of the sensor signals, transmitting the received echo signals from the sensors (16) to the control unit (14), and identifying interference (38) in the received echo signals from the at least one group (18, 20) on the basis of a comparison of at least two of the received echo signals from the corresponding group (18, 20). The invention also relates to a corresponding sensor arrangement (12) for a vehicle (10) for operation according to the above method. The invention also relates to a driving assistance system for a vehicle (10) having a sensor arrangement (12) as described above.

IPC 8 full level

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