

Title (en)

METHOD FOR PROCESSING AND STORING SENSOR SIGNALS, AND A CORRESPONDINGLY DESIGNED SIGNAL DETECTION DEVICE

Title (de)

VERFAHREN ZUM BEARBEITEN UND SPEICHERN VON SENSORSIGNALEN, UND ENTSPRECHEND AUSGELEGTE
SIGNALERFASSUNGSVORRICHTUNG

Title (fr)

PROCEDE DE TRAITEMENT ET DE STOCKAGE DE SIGNAUX PROVENANT D'UN CAPTEUR, ET DISPOSITIF DE DETECTION DE SIGNAUX
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Publication

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Application

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Priority

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Abstract (en)

[origin: WO0105616A2] The acceleration sensor output signal is firstly shifted to a lower level by subtracting an offset value and/or a value deviating from the zero point by an interval, and is subsequently multiplied by a factor greater than 1 so that the range of the sensor useful signal level is expanded. The multiplied value is then stored with a reduced number of bits. This reduces the memory requirements without or with only minimal loss of resolution.

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B60L 1/00

IPC 8 full level

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