

Title (en)

SENSOR, IN PARTICULAR A MAGNETIC FIELD SENSOR, WITH INTERFERENCE COMPENSATION AND METHOD FOR INTERFERENCE COMPENSATION OF A SENSOR

Title (de)

SENSOR, INSBESONDERE MAGNETFELDSSENSOR, MIT ST ÖRSIGNAL-KOMPENSATION UND VERFAHREN ZUR ST ÖRSIGNAL-KOMPENSATION EINES SENSORS

Title (fr)

CAPTEUR, EN PARTICULIER CAPTEUR DE CHAMP MAGNETIQUE, A COMPENSATION DE SIGNAL PARASITE ET PROCEDE DE COMPENSATION DU SIGNAL PARASITE D'UN CAPTEUR

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Application

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Abstract (en)

[origin: WO2005085762A2] The invention relates to a sensor, in particular a Hall sensor, comprising a sensor element (1; 10), providing a sensor signal (SS), containing an interference signal (STS) an analytical device (6; 20), connected to the sensor element and a subtractor (2; 21) which subtracts the interference signal from the sensor signal, whereby the sensor comprises a filter unit which filters the interference signal from the sensor signal. The sensor and corresponding method permit a compensation for the interference signal.

IPC 8 full level

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