

Title (en)
METHOD FOR COMPENSATING VARIATIONS IN A WHEEL SPEED SENSOR

Title (de)
VERFAHREN ZUM AUSGLEICH VON ABWEICHUNGEN EINES RADDREHZAHLSSENSORS

Title (fr)
PROCEDE POUR COMPENSER LES ECARTS D'UN CAPTEUR DE VITESSE

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Abstract (en)
[origin: DE19721488A1] The invention relates to a method for compensating inaccuracies in a wheel speed sensor, wherein signal-forming elements are arranged on a sensor wheel to determine wheel speed and wherein a determined angle is allocated to a given number of signal-forming elements to determine wheel speed. The time during which the wheel rotates around said angle is evaluated. A correction factor, which is used to determine wheel speed, is stored to compensate for variations in the signal-forming elements and/or the positioning of the elements in relation to each other. During travel, the correction factors are updated by comparing the non-corrected wheel speed measured by the sensor with a wheel speed reference value determined by means of a computational model, wherein the correction factor is updated according to said comparison.

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