Title (en)

METHOD TO OBTAIN A TEMPERATURE COMPENSATED OUTPUT SIGNAL IN AN OPTICAL CURRENT MEASURING SENSOR

Title (de)

VERFAHREN ZUR GEWINNUNG EINES TEMPERATURGANGKOMPENSIERTEN AUSGANGSSIGNALS BEI EINEM OPTISCHEN STROMMESSENSOR

Title (fr)

PROCEDE SERVANT A OBTENIR UN SIGNAL DE SORTIE COMPENSE EN TEMPERATURE DANS UN DETECTEUR OPTIQUE DE MESURE DE COURANT

Publication

EP 0927360 A1 19990707 (DE)

Application

EP 97918907 A 19970826

Priority

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Abstract (en)

[origin: WO9812570A1] A temperature compensated output signal (S) is obtained from a magnetooptic sensor with +/- standardized intensity by forming a quotient from the alternating component (PAC) of the standardized intensity signal (P) and a function determined by calibration measurement (f(PDC, PACeff)) of a direct component (PDC) of the standardized intensity signal (P) and a root-mean-square value (PACeff) of the alternating component (PAC). Also disclosed is a corresponding method for sensors with AC/DC standardized intensity.

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G01R 33/032

IPC 8 full level

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CPC (source: EP US)

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