

Title (en)
METHOD FOR THE OPERATION OF A PROCESS MEASURING APPARATUS

Title (de)
VERFAHREN ZUM BETRIEB EINES PROZESS-MESSGERÄTS

Title (fr)
PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN APPAREIL DE MESURE DANS DES PROCESSUS

Publication
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Application
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Priority
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Abstract (en)
[origin: WO2005001395A1] Disclosed is a process measuring apparatus comprising a flow sensor that is provided with a measurement tube, an excitation arrangement, a sensor array for generating a measuring signal, and an operation and evaluation circuit. Also disclosed is a method for compensating interference potentials caused particularly by particles of foreign substances or small air bubbles in the liquid that is to be measured. According to said method, an anomaly in the progress of the measuring signal caused at least in part by an electrical, especially pulsed, interference voltage, is detected by identifying a data cluster within the stored first set of data, which digitally represents the anomaly. Additionally, the data that is part of said data cluster is removed from the stored first set of data in order to create an interference-free set of data.

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