Title (en)

METHOD AND COMPENSATION OF THE DISTURBED PARTS OF THE SIGNALS IN A MEASURING SYSTEM

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0392036A1] The system has a specific number (i = 1 to I) of measuring channels, each measuring signal (x<(i)>) having a channel-independent component(s) which is weighted with a channel-dependent compensation coefficient (A<(i)>), and an additive, channel-dependent interfering component (u<(i)>). Initially, a preliminary compensation value (sum) is formed from the measuring signals and the compensation coefficients and preliminary compensated measuring signal values (sk<(i)>) are formed with said compensation value. Measuring channels (j = 1 to J) with a high degree of interference are then sought. For these channels a respective approximation value (ñ) of the interference signal is determined and used to form a correction value (@). A final compensation value (sum'), with which the final compensated measuring signal values (sk') are calculated is formed using the correction values (@).

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