

METHOD AND APPARATUS FOR DETECTING, EVALUATING AND DISPLAYING MEASUREMENT VALUES OF MOTORS OF ELECTRIC DRIVES

Abstract

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The invention relates to a method for detecting, evaluating and displaying measurement values of motors of electric drives, such as those in the case of drives for barriers, switches, windows or gates and to an apparatus for implementing said method.

10 At least one sensor measures the electrical characteristic values of the motor, which are read into a data processing system and evaluated.

The measured values are compared with one another as a function of the mechanical position of the driven components over a period comprising a plurality of control operations. The representation takes place by simultaneously displaying the measured values both as a function of the revolution time of the drive as well as in a comparative manner over many measurement cycles. For this purpose, the measurement points are colour coded. Due to the representation of numerous measurement curves side-by-side, both the present technical condition of the electric drive can be judged and a prediction made about its future scope of maintenance.

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(Fig. 2)