

Title (en)

METHOD FOR DETERMINING THE ABSOLUTE POSITION OF A LINEAR ACTUATOR

Title (de)

VERFAHREN ZUM ERMITTELN DER ABSOLUTPOSITION EINES LINEARAKTUATORS

Title (fr)

PROCÉDÉ PERMETTANT DE DÉTERMINER LA POSITION ABSOLUE D'UN ACTIONNEUR LINÉAIRE

Publication

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Application

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Abstract (en)

[origin: WO2013092147A1] A method for determining the absolute position of a linear actuator is described. In the process, the rotational angle position of the rotor of the corresponding electric motor of the linear actuator is determined by a first sensor. In addition, the rotary angle position of a transmitter wheel of a second sensor coupled to the rotor is determined by means of a special transmission ratio. The absolute position of the linear actuator is derived from the differential value of the determined rotary angle positions. The method can be implemented in a simple and inexpensive manner.

IPC 8 full level

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