

Title (en)

POSITION MEASURING DEVICE FOR CAPTURING THE POSITION OF AT LEAST ONE ACTUATOR OF A FLUIDIC SYSTEM WITHOUT A POSITION SENSOR

Title (de)

POSITIONSMESSEINRICHTUNG ZUR ERFASSUNG DER POSITION WENIGSTENS EINES STELLGLIEDS EINES FLUIDISCHEN SYSTEMS OHNE POSITIONSENSOR

Title (fr)

DISPOSITIF DE MESURE DE POSITION PERMETTANT DE DÉTECTER LA POSITION D'AU MOINS UN ÉLÉMENT DE RÉGLAGE D'UN SYSTÈME FLUIDIQUE, SANS CAPTEUR DE POSITION

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Abstract (en)

[origin: WO2010136131A1] The invention relates to a position measuring device for capturing the position of at least one actuator (19) of a fluidic system (10) without a position sensor arrangement, wherein at least one fluidic control valve (12) is provided for controlling the fluidic system (10). A volume flow and pressure sensor device (17) is connected in an infeed line (13) to the fluidic system (10) and directly connected to a controller (18). The controller (18) has means for calculating the position x of the actuator (19) according to the relationship (I).

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