

Title (en)

ANGLE MEASURING DEVICE HAVING A VIBRATION-DAMPING STATOR COUPLING

Title (de)

WINKELMESSEINRICHTUNG MIT SCHWINGUNGSDÄMPFENDER STATORKUPPLUNG

Title (fr)

DISPOSITIF GONIOMÉTRIQUE, AVEC ACCOUPLEMENT À STATOR AMORTISSEUR D'OSCILLATIONS

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Application

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Abstract (en)

[origin: WO2010012581A1] The invention relates to an angle measuring device comprising a stator (1) and a rotor (2), wherein the rotor (2) is arranged so as to be rotatable relative to the stator (1). The rotor (2) comprises a shaft (2.1) to which a code disk (2.2) is fastened in a rotationally fixed manner. The stator (1) comprises a body (1.3), a scanning device (1.31) for scanning the code disk (2.2), and a compensating coupling (1.2). A radially and axially elastic but torsionally rigid connection of the stator (1) to a machine part (5.1) can be established by the compensating coupling (1.2). According to the invention, an element (4; 4') is arranged between the compensating coupling (1.2) and the body (1.3), is in contact both with the compensating coupling (1.2) and with the body (1.3), and has a vibration-damping property.

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