

Title (en)

METHOD FOR CALIBRATING AN ULTRASOUND FLOWMETER

Title (de)

VERFAHREN ZUM KALIBRIEREN EINES ULTRASCHALL-DURCHFLUSSMESSGERÄTS

Title (fr)

PROCEDE D'ETALONNAGE D'UN DEBITMETRE A ULTRASONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005001397A1] The invention relates to a method for dry-calibrating an ultrasound flowmeter (1). The inventive method is characterized in that information on the theoretical flow of the medium through the measuring pipe (2) is obtained using the predetermined geometrical manufacturing data of the flowmeter (1). The actual geometrical measuring data of the flowmeter (1) are determined in a three-dimensional manner. The actual geometrical measuring data are used to obtain information on the actual flow of the medium through the flowmeter (1). The information on the theoretical flow and the actual flow of the medium through the flowmeter (1) is used to determine a correction value or a calibration value for the flowmeter (1).

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