Title (en)

ATTACHMENT DISPLACEMENT SENSOR FOR MEASURING THE CHANGE IN LENGTH OF A SAMPLE AND MEASURING METHOD WHICH USES SUCH A SENSOR

Title (de)

ANSATZWEGAUFNEHMER ZUR MESSUNG DER LÄNGENÄNDERUNG EINER PROBE UND DIESEN VERWENDENDES MESSVERFAHREN

Title (fr)

ENREGISTREUR DE DISTANCE ENTRE ÉPAULEMENTS POUR LA MESURE DE LA VARIATION DE LONGUEUR D'UNE ÉPROUVETTE, ET PROCÉDÉ DE MESURE L'UTILISANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009153013A1] The present invention relates to an attachment displacement sensor for use when mechanically measuring the change in length of a sample as a result of stretching. It also relates to a method for measuring the change in length of a sample by means of such an attachment displacement sensor, to a system for measuring the change in length of a sample with such an attachment displacement sensor, and to the use of such an attachment displacement sensor for measuring the change in length of a sample. The attachment displacement sensor comprises a body which is used to make contact with the sample. According to the invention, the body is rotatably mounted and arranged in such a manner that, if the sample is torn, it causes the body to rotate. As a result of the fact that the sample causes the body to rotate if torn, only a small amount of energy is transmitted to the attachment displacement sensor which is thus not overloaded or damaged.

IPC 8 full level

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CPC (source: EP US)

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