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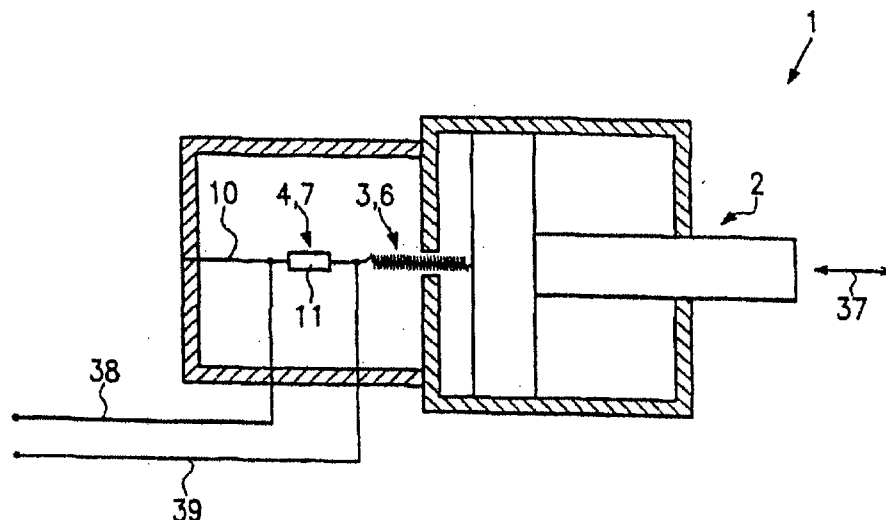
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(54) Title: METHOD AND DEVICE FOR MEASURING A PATH THAT HAS BEEN COVERED



(57) Abstract: A displacement measuring device for measuring a path that has been covered by a moving object that can be displaced in a direction has at least one first component that is allocated to the moveable object and a second, stationary component. The components are interlinked for the purpose of converting a movement and/or displacement of the moving object into an electrical signal. The displacement measuring device also has an evaluation device for converting the electrical signal into movement and/or position information. The aim of the invention is to ensure that the displacement measuring device has a high degree of accuracy, is not susceptible to wear, is resistant to vibration, shocks or corrosion and is economical to use in almost all media without any special sealing measures as well as in any pressure range. To this end, the first component is a spring element connecting the moving object and the second component and the second component is a force measurement device which releases an electrical signal corresponding to the force that is exerted on the spring element.

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