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(54) **DETECTOR CONSTRUCTED FROM FABRIC USING MEASURED CURRENT TO DETERMINE PRESSURE**

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(57) **ABSTRACT**

A position detector is constructed from fabric having electrically conductive elements incorporated therein. It includes at least a first electrically conductive plane and a second electrically conductive plane, each conductive plane having at least two respectively associated electrical connections attached thereto. An electric potential is applied across at least one of the planes to determine the position of a mechanical interaction. A second electrical property is also determined to identify additional properties of the mechanical interactions.

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