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(54) **ELONGATE MEDICAL DEVICES INCORPORATING A FLEXIBLE SUBSTRATE, A SENSOR, AND ELECTRICALLY-CONDUCTIVE TRACES**

LÄNGLICHE MEDIZINPRODUKTE MIT EINEM FLEXIBLEN SUBSTRAT, SENSOR UND ELEKTRISCH LEITFÄHIGEN SPUREN

DISPOSITIFS MÉDICAUX ALLONGÉS INCORPORANT UN SUBSTRAT FLEXIBLE, UN CAPTEUR, ET DES PISTES ÉLECTRIQUEMENT CONDUCTRICES

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(56) References cited:
EP-A1- 2 032 201 EP-A2- 0 989 384
US-A1- 2005 085 716 US-A1- 2005 283 067
US-A1- 2013 066 194 US-A1- 2013 169 272

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专利名称(译)	细长的医疗设备包括柔性基板，传感器和导电迹线		
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摘要(译)

细长的医疗装置可包括限定纵向轴线的细长主体，传感器以及被包裹以形成管的柔性基板。传感器可以设置在管内，并且管可以围绕纵轴设置。在一个实施例中，细长主体可以是芯线，并且芯线可以延伸穿过管。在一个实施例中，传感器可以包括线圈，并且芯线可以延伸穿过线圈。在一个实施例中，细长医疗装置可以是导丝。