

Title (en)
METHOD AND APPARATUS FOR CONNECTING CONDUCTIVE MEDIA

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ANSCHLUSS VON LEITENDEN MEDIEN

Title (fr)
PROCEDE ET APPAREIL DE CONNEXION DE MILIEUX CONDUCTEURS

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Abstract (en)
[origin: WO2005065415A2] A body fluid sampling device is provided. In one embodiment, the invention comprises a set of pins that obviate the need for leads from the disposable device. The pins may be integrated into the tissue penetrating device. The pins are inserted into the printed electrochemical electrodes and are reusable. The disposable chemistry is simplified in the process. The use of the simplified disposable in an integrated sampling device also creates a potential for miniaturization. In another embodiment, the device comprises a support structure. The device includes sensory material is on a first side of said support structure and a conductor material on a second side of said support structure. A plurality of holes defined by the support structure may be used. The hole allows the conductor material to Contact the sensory material. In yet another embodiment, the invention teaches a design and method of providing conduction lines originating from a sensor on one side of the substrate and terminating in such a way that they are accessible from the reverse side.

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