

## Title (en)

SYSTEMS, METHODS, AND DEVICES USING STRETCHABLE OR FLEXIBLE ELECTRONICS FOR MEDICAL APPLICATIONS

## Title (de)

SYSTEME, VERFAHREN UND VORRICHTUNGEN MIT DEHNBARER ODER BIEGSAMER ELEKTRONIK FÜR MEDIZINISCHE ANWENDUNGEN

## Title (fr)

SYSTÈMES, PROCÉDÉS ET DISPOSITIFS UTILISANT DES SYSTÈMES ÉLECTRONIQUES ÉTIRABLES OU SOUPLES POUR DES APPLICATIONS MÉDICALES

## Publication

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## Application

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## Abstract (en)

[origin: WO2010082993A2] System, devices and methods are presented that integrate stretchable or flexible circuitry, including arrays of active devices for enhanced sensing, diagnostic, and therapeutic capabilities. The invention enables conformal sensing contact with tissues of interest, such as the inner wall of a lumen, a nerve bundle, or the surface of the heart. Such direct, conformal contact increases accuracy of measurement and delivery of therapy.

## IPC 8 full level

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