

Title (en)

BIOSENSORS WHICH UTILIZE CHARGE NEUTRAL CONJUGATED POLYMERS

Title (de)

ANWENDUNG VON NEUTRAL GELADENEN KONJUGIERTEN POLYMEREN IN BIOSENSOREN

Title (fr)

BIOCAPTEURS UTILISANT DES POLYMERES CONJUGUES A CHARGE NEUTRE

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Application

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Abstract (en)

[origin: WO0077523A1] This invention encompasses charge neutral conjugated polymer or copolymers which have a functional group for binding a biomolecule probe; electrodes and array of electrodes in electrical contact with such polymers and wherein a biomolecule probe is covalently lined to the polymer. The invention includes biosensors which utilize the conjugated polymer coated electrodes wherein the binding to the biomolecule probe is detected by electrical means such as AC impedance.

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G01N 33/543; C12Q 1/68

IPC 8 full level

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Citation (search report)

See references of WO 0077523A1

Citation (examination)

US 5766515 A 19980616 - JONAS FRIEDRICH [DE], et al

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