

Title (en)
POLYELECTROLYTE COMPLEX (E.G. ZWITTERIONIC POLYTHIOPHENES) WITH A RECEPTOR (E.G. POLYNUCLEOTIDE, ANTIBODY ETC.) FOR BIOSENSOR APPLICATIONS

Title (de)
POLYELEKTROLYTKOMPLEX (Z.B. ZWITTERIONISCHE POLYTHIOPHENE) MIT EINEM REZEPTOR (Z.B. POLYNUKLEOTID, ANTIKÖRPER USW.) FÜR BIOSENSORANWENDUNGEN

Title (fr)
COMPLEXE POLYELECTROLYTIQUE (PAR EX. POLYTHIOPHENES ZWITTERIONIQUES) COMPRENANT UN RECEPTEUR (PAR EX. POLYNUCLEOTIDE, ANTICORPS, ETC.) POUR APPLICATION DANS LE DOMAINE DES BIODETECTEURS

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Application
EP 03723613 A 20030509

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Abstract (en)
[origin: WO03096016A1] The invention relates to a complex between a conjugated polyelectrolyte, and one or more receptor molecules specific for a target biomolecule analyte, said polyelectrolyte and said receptor being non-covalently bound to each other, usable as a probe for biomolecular interactions. It also relates to a method of determining selected properties of biomolecules. Thereby, a complex as above is exposed to a target biomolecule analyte whereby the analyte and the receptor interact, and a change of a property of said polyelectrolyte in response to the interaction between the receptor and the analyte is detected. The detected change is used to determine said selected property of said biomolecule.

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IPC 8 full level
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