

Title (en)

ELECTRODES LINKED VIA CONDUCTIVE OLIGOMERS TO NUCLEIC ACIDS

Title (de)

ELEKTRODE DIE DURCH LEITENDE OLIGOMERE ZUR NUKLEINSÄUREN GEBUNDEN SIND

Title (fr)

ELECTRODES RELIEES PAR L'INTERMEDIAIRE D'OLIGOMERES CONDUCTEURS A DES ACIDES NUCLEIQUES

Publication

**EP 0939762 A2 19990908 (EN)**

Application

**EP 97946876 A 19971105**

Priority

- US 9720014 W 19971105
- US 74379896 A 19961105
- US 4015597 P 19970307
- US 87359797 A 19970612
- US 87397897 A 19970612
- US 89951097 A 19970724
- US 91108597 A 19970814
- US 91158997 A 19970814

Abstract (en)

[origin: WO9820162A2] The invention relates to nucleic acids covalently coupled to electrodes via conductive oligomers. More particularly, the invention is directed to the site-selective modification of nucleic acids with electron transfer moieties and electrodes to produce a new class of biomaterials, and to methods of making and using them.

IPC 1-7

**C07H 21/00**; **C12Q 1/68**; **C07H 23/00**

IPC 8 full level

**C07H 21/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 27/416** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)

**C07H 21/00** (2013.01); **C12Q 1/6825** (2013.01)

Citation (search report)

See references of WO 9820162A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9820162 A2 19980514**; **WO 9820162 A3 19981112**; AU 5196798 A 19980529; AU 739375 B2 20011011; CA 2270633 A1 19980514; EP 0939762 A2 19990908; JP 2001507930 A 20010619; JP 4072206 B2 20080409

DOCDB simple family (application)

**US 9720014 W 19971105**; AU 5196798 A 19971105; CA 2270633 A 19971105; EP 97946876 A 19971105; JP 52166898 A 19971105