

Title (en)

AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC DETECTION

Title (de)

VERFIELFÄLTIGUNG VON NUKLEINSÄUREN MIT ELEKTRONISCHER DETEKTION

Title (fr)

AMPLIFICATION D'ACIDES NUCLEIQUES AVEC DETECTION ELECTRONIQUE

Publication

**EP 1194593 A2 20020410 (EN)**

Application

**EP 00950511 A 20000720**

Priority

- US 0019889 W 20000720
- US 14469899 P 19990720

Abstract (en)

[origin: WO0106016A2] The invention relates to compositions and methods useful in the detection of nucleic acids using a variety of amplification techniques, including both signal amplification and target amplification. Detection proceeds through the use of an electron transfer moiety (ETM) that is associated with the nucleic acid, either directly or indirectly, to allow electronic detection of the ETM using an electrode.

IPC 1-7

**C12Q 1/68; G01N 27/30**

IPC 8 full level

**G01N 33/53** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6825** (2018.01); **G01N 33/566** (2006.01)

CPC (source: EP)

**B82Y 30/00** (2013.01); **C12Q 1/6825** (2013.01); **G01N 27/3277** (2013.01)

C-Set (source: EP)

**C12Q 1/6825 + C12Q 2561/109 + C12Q 2565/519 + C12Q 2565/607**

Citation (search report)

See references of WO 0106016A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0106016 A2 20010125; WO 0106016 A3 20010823; WO 0106016 A9 20020711;** AU 6360500 A 20010205; CA 2379693 A1 20010125;  
EP 1194593 A2 20020410; JP 2003530822 A 20031021

DOCDB simple family (application)

**US 0019889 W 20000720;** AU 6360500 A 20000720; CA 2379693 A 20000720; EP 00950511 A 20000720; JP 2001511224 A 20000720