

Title (en)

FORMATION OF TRIPLE HELIX COMPLEXES OF SINGLE STRANDED NUCLEIC ACIDS USING NUCLEOSIDE OLIGOMERS.

Title (de)

HERSTELLUNG VON TRIPLE-HELIX-KOMPLEXEN AUS EINZELSTRÄNGIGEM NUKLEINSÄUREN DURCH BENUTZUNG VON NUKLEOTIDOLIGOMEREN.

Title (fr)

FORMATION DE COMPLEXES A TRIPLE HELICE D'ACIDES NUCLEIQUES MONOBRIN A L'AIDE D'OLIGOMERES DE NUCLEOSIDE.

Publication

**EP 0650526 A1 19950503 (EN)**

Application

**EP 92921942 A 19921005**

Priority

- US 9208458 W 19921005
- US 77208191 A 19911007

Abstract (en)

[origin: WO9307295A1] A specific segment of single stranded nucleic acid may be detected or recognized by formation of a triple helix structure using first and second oligomers comprised of nucleosidyl units linked by internucleosidyl phosphorus linkages. Function or expression of single stranded nucleic acid segments may be prevented by triple helix formation. Novel oligomers comprising modified nucleosidyl units are useful in triple helix formation, and may be optionally derivatized with DNA modifying groups.

IPC 1-7

**C12Q 1/68**

IPC 8 full level

**C12N 15/09** (2006.01); **C07H 21/00** (2006.01); **C12N 15/113** (2010.01); **C12Q 1/68** (2006.01); **C12Q 1/70** (2006.01)

CPC (source: EP)

**C07H 21/00** (2013.01); **C12N 15/113** (2013.01); **C12Q 1/6839** (2013.01); **C12N 2310/15** (2013.01); **C12N 2310/152** (2013.01);  
**C12N 2310/3125** (2013.01); **C12N 2310/321** (2013.01); **C12N 2310/334** (2013.01); **C12N 2310/3511** (2013.01); **C12N 2310/3521** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9307295 A1 19930415**; AU 2488197 A 19970904; AU 2785292 A 19930503; CA 2119890 A1 19930415; EP 0650526 A1 19950503;  
EP 0650526 A4 19980204; IL 103311 A0 19930315; JP H07501936 A 19950302; NZ 244606 A 19970727

DOCDB simple family (application)

**US 9208458 W 19921005**; AU 2488197 A 19970613; AU 2785292 A 19921005; CA 2119890 A 19921005; EP 92921942 A 19921005;  
IL 10331192 A 19921001; JP 50711393 A 19921005; NZ 24460692 A 19921002