

Title (en)  
CONJUGATES OF METAL COMPLEXES AND OLIGONUCLEOTIDES, WHICH SPECIFICALLY BOND TO SPECIFIC TARGET STRUCTURES, AGENTS CONTAINING THESE CONJUGATES, THEIR USE IN NMR DIAGNOSIS AS WELL AS PROCESS FOR THEIR PRODUCTION

Title (de)  
KONJUGATE VON METALLKOMPLEXEN UND OLIGONUKLEOTIDEN MIT SPEZIFISCHE BINDUNGEN ZU SPEZIFISCHE TARGET STRUKTUREN, VERBINDUNGEN ENTHALTENDE DIESE KONJUGATE, IHRE VERWENDUNG IN NMR-DIAGNOSTIK UND VERFAHREN ZU IHRE HERSTELLUNG

Title (fr)  
CONJUGUES DE COMPLEXES METALLIQUES ET D'OLIGONUCLEOTIDES, SE FIXANT DE FAÇON SPECIFIQUE A DES STRUCTURES CIBLES SPECIFIQUES, AGENTS CONTENANT CES CONJUGUES, LEUR UTILISATION DANS LE DIAGNOSTIC PAR RMN AINSI QUE LEUR PROCEDE DE PRODUCTION

Publication  
**EP 0770146 A1 19970502 (EN)**

Application  
**EP 95926850 A 19950712**

Priority  

- DE 4424923 A 19940714
- DE 4445076 A 19941205
- EP 9502686 W 19950712

Abstract (en)  
[origin: WO9602669A1] This invention relates to chemically modified oligonucleotide conjugates that contain a complexing agent or complex that is bound by a connecting component to the oligonucleotides. In this case, the oligonucleotides are modified in a way that prevents or at least significantly inhibits the degradation by naturally occurring nucleases. The oligonucleotide radical can bond specifically and with high bonding affinity to target structures and can thus produce a specific therapeutic or diagnostic effect by the bound complexing agent or complex.

IPC 1-7  
**C12Q 1/68; C07H 21/04**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 49/08** (2006.01); **C07H 21/00** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)  
**A61K 49/085** (2013.01); **A61K 49/126** (2013.01); **C07H 21/00** (2013.01)

Citation (search report)  
See references of WO 9602669A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9602669 A1 19960201**; AU 3109095 A 19960216; EP 0770146 A1 19970502; IL 114235 A0 19951031; JP H10511842 A 19981117

DOCDB simple family (application)  
**EP 9502686 W 19950712**; AU 3109095 A 19950712; EP 95926850 A 19950712; IL 11423595 A 19950620; JP 50400096 A 19950712