

Title (en)

NOVEL FLUORESCENT LANTHANIDE CHELATES

Title (de)

NEUE FLUORESZIERENDE LANTHANID-CHELATE

Title (fr)

NOUVEAUX CHELATES FLUORESCENTS AUX LANTHANIDES

Publication

EP 1095011 A4 20030108 (EN)

Application

EP 99932334 A 19990707

Priority

- US 9915366 W 19990707
- US 9194498 P 19980707

Abstract (en)

[origin: WO0001663A1] The present invention provides complexing agents of Formula (I) which contain novel photosensitizers and produce long-lived fluorescence for use in bioaffinity assays, especially HTRF (homogeneous time-resolved fluorescence) assays.

IPC 1-7

C07C 229/42; **C07C 229/76**; **C07D 219/04**; **C07D 311/88**; **C07D 491/052**

IPC 8 full level

A61K 49/00 (2006.01); **C07C 229/16** (2006.01); **C07C 229/76** (2006.01); **C07C 237/04** (2006.01); **C07C 331/28** (2006.01); **C07D 219/08** (2006.01); **C07D 311/88** (2006.01); **C07D 491/052** (2006.01)

CPC (source: EP)

A61K 49/0019 (2013.01); **A61K 49/0021** (2013.01); **A61K 49/0026** (2013.01); **A61K 49/0041** (2013.01); **A61K 49/0052** (2013.01); **C07C 237/04** (2013.01); **C07C 331/28** (2013.01)

Citation (search report)

- [DXY] WO 9600901 A1 19960111 - UNIV CALIFORNIA [US]
- [DY] US 5162508 A 19921110 - LEHN JEAN-MARIE [FR], et al
- [E] WO 9966780 A2 19991229 - SMITHKLINE BEECHAM PLC [GB], et al
- [X] DE 19505960 A1 19960822 - DEUTSCHES KREBSFORSCH [DE]
- [X] BAILEY, M. PHILIP ET AL., ANALYST, vol. 110, 1985, pages 603 - 604, XP001040544
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002219212, retrieved from STN Database accession no. 127:77478/DN, HCAPLUS & OZAKI, H. ET AL., KIDORUI, vol. 30, 1997, pages 358 - 359
- See references of WO 0001663A1

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 0001663 A1 20000113; CA 2336904 A1 20000113; EP 1095011 A1 20010502; EP 1095011 A4 20030108; JP 2002519404 A 20020702

DOCDB simple family (application)

US 9915366 W 19990707; CA 2336904 A 19990707; EP 99932334 A 19990707; JP 2000558068 A 19990707