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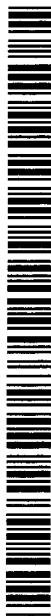
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RARE EARTH METAL CRYPTATES SHOWING REDUCED FLUORESCENCE QUENCHING

(57) Abstract: The invention relates to a process for reducing the fluorescence quenching caused by the measuring medium in a fluorescence assay, by introducing into said medium of rare earth metal cryptates comprising at least one pyrdine radical which is substituted one or more times or unsubstituted. The invention also relates to novel rare metal cryptates which are not very sensitive to the fluorescence quenching caused by the measuring medium.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/58 C07D471/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C07H C12Q C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	G MATHIS: "Rare Earth Cryptates and Homogeneous Fluoroimmunoassays with Human Sera" CLINICAL CHEMISTRY, US, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY. WINSTON, vol. 39, no. 9, 1993, pages 1953-1959, XP002125039 ISSN: 0009-9147 the whole document	1-24
A	WO 99 18114 A (BAZIN HERVE ; CIS BIO INT (FR); MATHIS GERARD (FR)) 15 April 1999 (1999-04-15) abstract; figure 2	1-24



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	E LOPEZ ET AL: "Europium(III) Trisbipyridine Cryptate Label for the Time-Resolved Fluorescence Detection of Polymerase Chain Reaction Products Fixed on a Solid Support" CLINICAL CHEMISTRY, US, AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY. WINSTON, vol. 39, no. 2, 1993, pages 196-201, XP002125037 ISSN: 0009-9147 page 197; figure 1	1-24
A	ALPHA, BEATRICE; ANKLAM, ELKE; DESCHENAUX, ROBERT; LEHN, JEAN-MARIE; PIETRASKIEWICZ, MAREK: "Synthesis and Characterisation of the Sodium and Lithium Cryptates of Macrobicyclic Ligands Incorporating Pyridine, Bipyridine, and Biisoquinoline Units" HELV. CHIM. ACTA, vol. 71, 1988, pages 1042-1052, XP002165652 cited in the application page 1044	1-24
A	US 5 696 240 A (VALLARINO LIDIA M ET AL) 9 December 1997 (1997-12-09) column 17 -column 22	1-24
A	US 5 925 744 A (HAENER ROBERT ET AL) 20 July 1999 (1999-07-20) column 2, line 5 - line 22	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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