

Title (en)

METAL-BONDING CYSTEIN-FREE PEPTIDES FOR DIAGNOSIS AND THERAPY, PROCESS FOR PRODUCING THEM AND PHARMACEUTICAL PREPARATIONS CONTAINING THESE COMPOUNDS

Title (de)

METALLBINDEnde CYSTEINFREIE PEPTIDE FÜR DIAGNOSE UND THERAPIE, VERFAHREN ZU IHRER HERSTELLUNG UND DIESE VERBINDUNGEN ENTHALTENDE PHARMAZEUTISCHE ZUSAMMENSETZUNGEN

Title (fr)

PEPTIDES CAPABLES DE LIAISON AVEC LES METAUX ET SANS CYSTEINE POUR LE DIAGNOSTIC ET LE TRAITEMENT, PROCEDES POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES

Publication

**EP 0726910 A1 19960821 (DE)**

Application

**EP 95900063 A 19941027**

Priority

- DE 9401302 W 19941027
- DE 4337599 A 19931101

Abstract (en)

[origin: CA2173845A1] These invention relates to metal-complexing, cystein-free peptides which may be coupled to an organ-specific probe directly or via a linker and are thus enriched as conjugates specifically in tumours, organs, tissues or centres of inflammation. The organ-specific probes used are, for example, antibodies or part-sequences of antibodies against tumour-associated antigens, e.g. the carcino-embryonal antigen (CEA, which are thus specifically enriched in tumours. The invention also relates to processes for producing the metal-complexing cystein-free peptides and their conjugates. The present invention also relates to the use of the conjugates as components of a kit for in vivo diagnosis or in vivo therapy and radio-pharmaceuticals containing these conjugates together with radio-isotopes. The organ-specific conjugates are used to image tumours, organs or centres of inflammation.

IPC 1-7

**C07K 7/06**; **C07K 14/575**; **A61K 51/08**; **C07K 16/18**

IPC 8 full level

**A61K 9/127** (2006.01); **A61K 51/00** (2006.01); **A61K 51/08** (2006.01); **C07K 7/06** (2006.01); **C07K 7/64** (2006.01); **C07K 14/575** (2006.01); **C07K 16/18** (2006.01); **C07K 16/32** (2006.01)

CPC (source: EP KR US)

**A61K 51/08** (2013.01 - EP US); **A61K 51/088** (2013.01 - EP US); **A61P 35/00** (2017.12 - EP); **C07K 7/06** (2013.01 - EP KR US); **C07K 14/575** (2013.01 - KR); **C07K 14/57536** (2013.01 - EP US); **C07K 16/18** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US)

Citation (search report)

See references of WO 9512613A1

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)

**DE 4337599 A1 19950504**; AU 688407 B2 19980312; AU 8104094 A 19950523; CA 2173845 A1 19950511; CN 1073116 C 20011017; CN 1134159 A 19961023; EP 0726910 A1 19960821; HU 9601139 D0 19960729; HU T75867 A 19970528; JP H09508352 A 19970826; KR 960705847 A 19961108; NO 961744 D0 19960430; NO 961744 L 19960430; US 6291639 B1 20010918; WO 9512613 A1 19950511; ZA 948410 B 19950627

DOCDB simple family (application)

**DE 4337599 A 19931101**; AU 8104094 A 19941027; CA 2173845 A 19941027; CN 94193979 A 19941027; DE 9401302 W 19941027; EP 95900063 A 19941027; HU 9601139 A 19941027; JP 51296295 A 19941027; KR 19960702248 A 19960430; NO 961744 A 19960430; US 63592896 A 19960920; ZA 948410 A 19941026