

Title (en)

1,4,8,11-TETRAAZACYCLOTETRADECANE DERIVATIVES AS RADIODIGANOSTIC AGENTS AND THEIR USE IN DETERMINING HYPOXIA AND RADIORESISTANCE OF TUMORS

Title (de)

1,4,8,11-TETRAAZA-CYCLOTETRADECANE DERIVATE ALS RADIODIAGNOSTIKA UND DEREN VERWENDUNG ZUR BESTIMMUNG VON HYPOXIA UND RADIORESISTENZ VON TUMOREN

Title (fr)

DERIVES 1,4,8,11-TETRAAZACYCLOTETRADECANE UTILES EN TANT QU'AGENTS DE RADIODIAGNOSTIC ET UTILISATION DE CES DERNIERS DANS LA DETERMINATION DE L'HYPOXIE ET DE LA RADIORESISTANCE DES TUMEURS

Publication

EP 1148878 A1 20011031 (EN)

Application

EP 00908353 A 20000126

Priority

- US 0001754 W 20000126
- US 11725399 P 19990126

Abstract (en)

[origin: WO0043004A1] 1,4,8,11-Tetraazacyclotetradecane which is chemically linked to from one to four nitroimidazol groups provides an effective radiodiagnostic agent for determining tissue hypoxia and radioresistance of tumor tissue.

IPC 1-7

A61K 31/415; **C07D 257/02**; **C07F 13/00**

IPC 8 full level

A61K 49/00 (2006.01); **A61K 51/04** (2006.01); **C07B 59/00** (2006.01); **C07D 403/04** (2006.01); **C07D 403/14** (2006.01); **C07F 13/00** (2006.01)

CPC (source: EP)

A61K 49/0002 (2013.01); **A61K 51/0497** (2013.01); **C07B 59/002** (2013.01); **C07D 403/04** (2013.01); **C07D 403/14** (2013.01); **C07F 13/005** (2013.01)

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 0043004 A1 20000727; CA 2361115 A1 20000727; EP 1148878 A1 20011031; EP 1148878 A4 20030402

DOCDB simple family (application)

US 0001754 W 20000126; CA 2361115 A 20000126; EP 00908353 A 20000126