

Title (en)

METHOD AND DEVICE FOR ISOLATING A CHEMICALLY AND RADIOCHEMICALLY CLEANED 68GA-RADIO NUCLIDE AND FOR MARKING A MARKING PRECURSOR WITH THE 68GA-RADIO NUCLIDE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ISOLIERUNG EINES CHEMISCH UND RADIOCHEMISCH GEREINIGTEN 68GA-RADIONUKLID UND ZUM MARKIEREN EINES MARKIERUNGSVORLÄUFERS MIT DEM 68GA-RADIONUKLID

Title (fr)

PROCEDE ET DISPOSITIF POUR ISOLER UN RADIONUCLEIDE 68GA PURIFIE CHIMIQUEMENT ET RADIOCHIMIQUEMENT, ET POUR MARQUER UN PRECURSEUR DE MARQUAGE AU MOYEN DE CE RADIONUCLEIDE 68GA

Publication

EP 1820197 A2 20070822 (DE)

Application

EP 05823617 A 20051122

Priority

- EP 2005012471 W 20051122
- DE 102004057225 A 20041126

Abstract (en)

[origin: WO2006056395A2] The invention relates to initial ⁶⁸Ge/Ga-generator elute which is guided directly to a cation exchanger, whereon ⁶⁸Ga is quantitatively absorbed and is cleaned simultaneously in a chemical and radio chemical manner. Subsequently, the ⁶⁸Ga-radio nuclide is combined with a radio pharmaceutical substance by a marking precursor made of a ligand or a peptide or a protein which is cross-linked in a covalent manner to a ligand.

IPC 8 full level

G21G 4/00 (2006.01)

CPC (source: EP US)

G21G 1/0005 (2013.01 - EP US); **G21G 4/00** (2013.01 - EP US); **G21G 4/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2006056395A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006056395 A2 20060601; **WO 2006056395 A3 20070125**; **WO 2006056395 B1 20070315**; AT E443916 T1 20091015; DE 102004057225 A1 20060608; DE 102004057225 B4 20061012; DE 502005008206 D1 20091105; DK 1820197 T3 20100125; EP 1820197 A2 20070822; EP 1820197 B1 20090923; ES 2333893 T3 20100302; US 2008277350 A1 20081113; US 8147804 B2 20120403

DOCDB simple family (application)

EP 2005012471 W 20051122; AT 05823617 T 20051122; DE 102004057225 A 20041126; DE 502005008206 T 20051122; DK 05823617 T 20051122; EP 05823617 A 20051122; ES 05823617 T 20051122; US 71998105 A 20051122