

Title (en)

SYSTEMS AND METHODS FOR ASSAYING AN ELUATE OF A RADIONUCLIDE GENERATOR

Title (de)

SYSTEME UND VERFAHREN ZUR BESTIMMUNG EINES ELUATS EINES RADIONUKLIDGENERATORS

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DOSAGE D'UN ÉLUAT D'UN GÉNÉRATEUR DE RADIONUCLÉIDES

Publication

EP 3571528 A1 20191127 (EN)

Application

EP 17754495 A 20170120

Priority

US 2017014316 W 20170120

Abstract (en)

[origin: WO2018136078A1] A system for assaying an eluate includes a radiation detection device, a fluid handling system, and a connection interface. The radiation detection device includes a collection reservoir, and is adapted to measure a radioactive content of a sample within the collection reservoir. The fluid handling system includes a fluid supply line, a suction line, and a fluid discharge line, each connected to the collection reservoir. The connection interface connects a radionuclide generator to the collection reservoir via the fluid handling system. The fluid handling system is configured to generate a negative pressure within the collection reservoir via the suction line such that an eluate from the radionuclide generator is supplied to the collection reservoir via the fluid supply line.

IPC 8 full level

G01T 1/167 (2006.01)

CPC (source: EP)

G01T 1/167 (2013.01)

Citation (search report)

See references of WO 2018136078A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018136078 A1 20180726; CA 3049013 A1 20180726; EP 3571528 A1 20191127

DOCDB simple family (application)

US 2017014316 W 20170120; CA 3049013 A 20170120; EP 17754495 A 20170120