

Title (en)
NUCLIDE SEPARATING DEVICE

Title (de)
VORRICHTUNG ZUM TRENNEN VON NUKLIDEN

Title (fr)
DISPOSITIF DE SÉPARATION DE NUCLÉIDE

Publication
EP 3886116 A1 20210929 (EN)

Application
EP 19887211 A 20191120

Priority
• KR 20180144557 A 20181121
• KR 20190132518 A 20191023
• KR 2019015942 W 20191120

Abstract (en)
A nuclide separating device is disclosed. A nuclide separating device according to one aspect of the present invention comprises: a column arrangement part in which a plurality of columns are arranged; a first fluid channel through which a reagent or a sample to be introduced into each of the columns arranged in the column arrangement part is transferred; a second fluid channel through which a purified sample or waste discharged from the column is delivered to a collection part; a fluid channel forming part for connecting or disconnecting the first fluid channel and the second fluid channel to or from a random column arranged in the column arrangement part; a main pump for supplying pressure to introduce the reagent or the sample into the first fluid channel and to discharge the purified sample or waste from the column; and a transfer part for transferring the fluid channel forming part so that the fluid channel forming part can connect or disconnect the first fluid channel and the second fluid channel to or from another random column arranged in the column arrangement part.

IPC 8 full level
G01N 1/10 (2006.01); **G01N 1/28** (2006.01); **G01T 1/167** (2006.01); **G01T 7/08** (2006.01); **G21F 9/12** (2006.01)

CPC (source: EP)
G21F 9/007 (2013.01); **G21F 9/12** (2013.01)

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)
EP 3886116 A1 20210929; **EP 3886116 A4 20220720**; WO 2020106058 A1 20200528

DOCDB simple family (application)
EP 19887211 A 20191120; KR 2019015942 W 20191120