

Title (en)

METHOD FOR OBTAINING A SOLID TARGET FOR RADIOPHARMACEUTICALS PRODUCTION

Title (de)

VERFAHREN ZUR GEWINNUNG EINES FESTEN ZIELS FÜR DIE HERSTELLUNG VON RADIOPHARMAZEUTIKA

Title (fr)

PROCÉDÉ D'OBTENTION D'UNE CIBLE SOLIDE POUR LA PRODUCTION DE PRODUITS RADIOPHARMACEUTIQUES

Publication

**EP 3682454 A1 20200722 (EN)**

Application

**EP 18780233 A 20180907**

Priority

- IT 201700102990 A 20170914
- IB 2018056826 W 20180907

Abstract (en)

[origin: WO2019053570A1] Method (100) for obtaining a solid target for radionuclides production by cyclotron, comprising the steps of : - arranging at least one first supporting element (2), having at least one first surface (21) intended to support at least one precursor isotope (3), and at least one second surface (22) opposed thereto (step 110); and - applying said at least one precursor isotope (3) on said at least one first surface (21) of said at least one first supporting element (2). The at least one first supporting element (2) is a chemically inert material at conditions of dissolution of said at least one precursor isotope (3) and at least one radioactive isotope of interest produced upon irradiation of said target (1) by said cyclotron.

IPC 8 full level

**G21G 1/10** (2006.01); **H05H 6/00** (2006.01)

CPC (source: EP)

**G21G 1/10** (2013.01); **H05H 6/00** (2013.01)

Citation (search report)

See references of WO 2019053570A1

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 2019053570 A1 20190321**; EP 3682454 A1 20200722; EP 3682454 B1 20230726; EP 3682454 C0 20230726;  
IT 201700102990 A1 20190314

DOCDB simple family (application)

**IB 2018056826 W 20180907**; EP 18780233 A 20180907; IT 201700102990 A 20170914