

Title (en)

Method for producing actinium-225

Title (de)

Verfahren zum Herstellen von Actinium-225

Title (fr)

Méthode pour produire de l'actinium-225

Publication

**EP 1453063 A1 20040901 (EN)**

Application

**EP 03100507 A 20030228**

Priority

EP 03100507 A 20030228

Abstract (en)

A method for producing Actinium-225 comprises directing a high-intensity laser beam onto a converting means to produce an irradiating field, and irradiating a target of radium-226 in this irradiating field. The irradiating field may comprise high-energy photons or protons, to induce nuclear reactions in the target of Ra-226.

IPC 1-7

**G21G 1/10**; **G21G 1/12**

IPC 8 full level

**G21G 1/10** (2006.01); **G21G 1/12** (2006.01)

CPC (source: EP)

**G21G 1/10** (2013.01); **G21G 1/12** (2013.01)

Citation (search report)

- [Y] WO 0141154 A1 20010607 - SCHENTER SCOTT [US], et al
- [Y] US 2002172317 A1 20021121 - MAKSIMCHUK ANATOLY [US], et al
- [A] DE 10037439 A1 20020207 - UNIV SCHILLER JENA [DE]
- [AD] EP 0962942 A1 19991208 - EUROP ECONOMIC COMMUNITY [LU]

Cited by

RU2644395C1; FR3025354A1; FR3008822A1; US10217538B2; WO2016030365A1; WO2015011370A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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