Title (en)

METHOD FOR MEASURING TRITIUM ACTIVITY IN A RADIOACTIVE WASTE DRUM

Title (de)

VERFAHREN ZUR MESSUNG DER TRITIUM-AKTIVITÄT IN EINEM BEHÄLTER FÜR RADIOAKTIVEN ABFALL

Title (fr)

PROCEDE DE MESURE DE L'ACTIVITE TRITIUM D'UN FUT DE DECHETS RADIOACTIFS

Publication

EP 1070266 B1 20030625 (FR)

Application

EP 99911877 A 19990406

Priority

- FR 9900785 W 19990406
- FR 9804302 A 19980407

Abstract (en)

[origin: FR2777090A1] The invention concerns a method for measuring the tritium activity in a radioactive waste drum (1) containing an amount of radioactive waste (2) and a free volume, which consists in measuring the amount of <3>He produced by the disintegrating tritium contained in said radioactive waste during a predetermined time interval and in deducing therefrom the corresponding activity of tritium contained in said radioactive waste (2).

IPC 1-7 (main, further and additional classification)

G01T 1/167

IPC 8 full level (invention and additional information)

G01T 1/167 (2006.01); **G21F 9/02** (2006.01)

CPC (invention and additional information)

G21F 9/02 (2013.01)

Designated contracting state (EPC)

BE DE GB IT SE

EPO simple patent family

FR 2777090 A1 19991008; FR 2777090 B1 20000505; CA 2324890 A1 19991014; CA 2324890 C 20061205; DE 69909074 D1 20030731; DE 69909074 T2 20040506; EP 1070266 A1 20010124; EP 1070266 B1 20030625; JP 2002510800 A 20020409; RU 2225016 C2 20040227; US 6731714 B1 20040504; WO 9951997 A1 19991014

INPADOC legal status

2011-05-31 [PG25 SE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : SE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20090407

2011-03-31 [PG25 IT] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : IT
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20090406

2010-05-31 [PG25 BE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : BE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20090430

2010-04-30 [PG25 GB] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : GB
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20090406

2010-01-29 [PG25 DE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : DE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20091103

2009-12-23 [GBPC] GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE
- Effective date : 20090406

2009-12-15 [EUG] SE: EUROPEAN PATENT HAS LAPSED

2009-10-31 [BERE] BE: LAPSED
- Owner name : COMMISSARIAT A L'ENERGIE *ATOMIQUE

- Effective date : 20090430

2008-12-31 [PGFP GB] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : GB
- Payment date : 20080409
- Year of fee payment : 10

2008-10-31 [PGFP SE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : SE
- Payment date : 20080408
- Year of fee payment : 10

2008-09-30 [PGFP IT] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : IT
- Payment date : 20080429
- Year of fee payment : 10

2008-09-30 [PGFP BE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : BE
- Payment date : 20080616
- Year of fee payment : 10

2008-07-31 [PGFP DE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : DE
- Payment date : 20080428
- Year of fee payment : 10

2004-06-16 [26N] NO OPPOSITION FILED
- Effective date : 20040326

2003-11-19 [GBT] GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)
- Effective date : 20031029

2003-09-30 [REG SE TRGR] TRANSLATION OF GRANTED EP PATENT

2003-07-31 [REF] CORRESPONDS TO:
- Document : DE 69909074 P 20030731

2003-06-25 [AK] DESIGNATED CONTRACTING STATES:
- Designated State(s) : BE DE GB IT SE

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- Free text : NOT ENGLISH

2001-01-24 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20001004

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