

Title (en)

CONTAINER FOR RADIOACTIVE MATERIALS AND METHOD FOR CLOSING SAME

Title (de)

BEHÄLTER FÜR RADIOAKTIVE STOFFE UND VERFAHREN ZUM VERSCHLIESSEN EINES SOLCHEN BEHÄLTERS

Title (fr)

CONTENEUR POUR MATIERES RADIOACTIVES ET PROCEDE DE FERMETURE D'UN TEL CONTENEUR

Publication

EP 1547097 A1 20050629 (FR)

Application

EP 03772388 A 20030929

Priority

- FR 0302852 W 20030929
- FR 0212115 A 20021001

Abstract (en)

[origin: WO2004032152A1] The invention concerns a container (1) for radioactive materials comprising a main hollow body (2) and a lid (6) made of at least one first metallic material, the lid being adapted to be fixed on the main hollow body via sealing means (26) made of a second metallic material cast in a groove (24) defined by the lid and the main hollow body of the container. The invention is characterized in that the lid (6) and the main hollow body (2) are secured to the sealing means (26) through a linking zone (28), formed by chemical reaction between the first and second metallic materials. The invention also concerns a method for closing such a container (1).

IPC 1-7

G21F 5/12; **B22D 19/04**

IPC 8 full level

B22D 19/04 (2006.01); **G21F 5/12** (2006.01)

CPC (source: EP US)

B22D 19/04 (2013.01 - EP US); **G21F 5/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2004032152A1

Designated contracting state (EPC)

BE DE GB IT SE

DOCDB simple family (publication)

FR 2845196 A1 20040402; **FR 2845196 B1 20041203**; EP 1547097 A1 20050629; JP 2006501457 A 20060112; US 2006060801 A1 20060323; US 7321128 B2 20080122; WO 2004032152 A1 20040415

DOCDB simple family (application)

FR 0212115 A 20021001; EP 03772388 A 20030929; FR 0302852 W 20030929; JP 2004540859 A 20030929; US 52961605 A 20050330