

Title (en)

CONTAINER FOR LONG-LIVED LOW TO HIGH LEVEL RADIOACTIVE WASTE

Title (de)

BEHÄLTER FÜR LANGLEBIGE NIEDRIG- BIS HOCHGRADIG RADIOAKTIVE ABFÄLLE

Title (fr)

CONTENEUR POUR DECHETS RADIOACTIFS DE FAIBLE A HAUTE ACTIVITE ET A VIE LONGUE

Publication

**EP 3607561 B1 20210303 (FR)**

Application

**EP 18715703 A 20180405**

Priority

- LU 100166 A 20170407
- EP 2018058753 W 20180405

Abstract (en)

[origin: WO2018185233A1] The invention consists of a container for radioactive waste comprising an outer steel wall, an inner steel wall, a layer of lead located between the two steel walls, a steel base, a steel cover, a volume of quartz sand located inside the container, at least one internal receptacle/cassette/box that is coated/surrounded/covered at least partially by the volume of quartz sand; and radioactive waste located inside the receptacle. The internal container may be made of steel and may contain low level radioactive waste. Alternatively, the receptacle(s) may be made of ceramic material and may contain high level radioactive waste. In one preferred embodiment, the container comprises an internal rack into which the internal receptacles are placed.

IPC 8 full level

**G21F 5/005** (2006.01)

CPC (source: EA EP US)

**G21F 5/005** (2013.01 - EA EP US)

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

DOCDB simple family (publication)

**WO 2018185233 A1 20181011**; CA 3058277 A1 20181011; CN 110709944 A 20200117; EA 037732 B1 20210514; EA 201992292 A1 20200225; EP 3607561 A1 20200212; EP 3607561 B1 20210303; LU 100166 B1 20181015; US 11367538 B2 20220621; US 2020043619 A1 20200206

DOCDB simple family (application)

**EP 2018058753 W 20180405**; CA 3058277 A 20180405; CN 201880033152 A 20180405; EA 201992292 A 20180405; EP 18715703 A 20180405; LU 100166 A 20170407; US 201816603414 A 20180405