

Title (en)
Containers for radioactive waste

Title (de)
Behälter für radioaktiven Abfall

Title (fr)
Récipients pour déchets radioactifs

Publication
EP 2821999 A1 20150107 (EN)

Application
EP 14175317 A 20140701

Priority
GB 201312013 A 20130704

Abstract (en)
A container (10) for radioactive waste comprises a ductile cast iron body (12) having an opening (14) through which an item containing radioactive waste or radioactive waste material itself may be placed into the container (10). The opening (14) is closed by a transport lid (16), which is bolted onto the body (12) of the container (10) to cover the opening (14). The rim of the opening (14) has a corrosion resistant lining (22) and the first or transport lid (16) is also of a corrosion resistant material having a high nuclear radiation shielding capability. A first seal (24) is inset beneath the lid (16) and compressed against a lip (26).

IPC 8 full level
G21F 5/12 (2006.01); **G21F 1/08** (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP)
G21F 1/08 (2013.01); **G21F 5/12** (2013.01); **G21F 9/34** (2013.01); **G21F 5/125** (2018.12)

Citation (search report)

- [XAYI] US 4456827 A 19840626 - BOTZEM WERNER [DE], et al
- [YA] US 4983352 A 19910108 - EFFERDING LARRY E [US]
- [YA] US 5437387 A 19950801 - BURNS JAMES A [US]

Cited by
CN110544545A; US2022223308A1; US11842822B2

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)
EP 2821999 A1 20150107; GB 201312013 D0 20130821

DOCDB simple family (application)
EP 14175317 A 20140701; GB 201312013 A 20130704