

Title (en)
Container for storing radioactive materials.

Title (de)
Behälter zum Lagern von radioaktiven Stoffen.

Title (fr)
Récipient de stockage d'effluents radioactifs.

Publication
EP 0131177 A1 19850116 (DE)

Application
EP 84106955 A 19840618

Priority
DE 3325119 A 19830712

Abstract (en)
[origin: US4594214A] The invention is directed to a container for storing radioactive materials which includes a closing cover tightly secured to the outer layer of the container vessel by a continuous weld seam. The container includes an annular body which is attached to the outer layer of the vessel. The annular body has an inwardly directed flange overlapping the weld seam for protecting the latter against external blows which could occur, for example, during transport of the container. The container also includes two narrow slots formed in the annular body with U-shaped guides disposed therebeneath for receiving transport elements in engagement therewith. The annular ring therefore also serves as a transport ring for facilitating transport of the container. Since the container is held at the ring, tension forces are directed to the outer layer of the vessel and away from the weld seam.

Abstract (de)
Ein Behälter zum Lagern von radioaktiven Stoffen mit einem durch eine umlaufende Schweißnaht (6) am Behälteraußenmantel (3) dicht befestigten Verschlussdeckel (5) besitzt einen am Behälteraußenmantel (3) befestigten, die Schweißnaht (6) mit einem inneren Flansch (8) mit Abstand (9) überdeckenden Ringkörper (7). Führungsnuten (11) am Ringkörper (7) für das Einrasten von Transportelementen lassen ihn gleichzeitig als Transportring dienen.

IPC 1-7
G21F 5/00

IPC 8 full level
G21F 9/36 (2006.01); **G21C 19/32** (2006.01); **G21F 5/00** (2006.01); **G21F 5/12** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP US)
G21F 5/12 (2013.01 - EP US)

Citation (search report)
• [A] EP 0057134 A1 19820804 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• [A] GB 1583188 A 19810121 - ATOMIC ENERGY AUTHORITY UK
• [A] FR 2412241 A7 19790713 - WIEDERAUFARBEITUNG VON KERNBRE [DE]
• [A] FR 1500850 A 19671110 - COMMISSARIAT ENERGIE ATOMIQUE

Cited by
US6671344B2; FR2712723A1; US5567952A; GB2171632A; GB2171632B; CN102047343A; US6990166B2

Designated contracting state (EPC)
BE CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0131177 A1 19850116; EP 0131177 B1 19880309; BR 8403464 A 19850625; CA 1233276 A 19880223; DE 3325119 A1 19850124; DE 3469816 D1 19880414; ES 291572 U 19860701; ES 291572 Y 19870316; JP S6039595 A 19850301; US 4594214 A 19860610

DOCDB simple family (application)
EP 84106955 A 19840618; BR 8403464 A 19840711; CA 458061 A 19840704; DE 3325119 A 19830712; DE 3469816 T 19840618; ES 291572 U 19840710; JP 14341684 A 19840712; US 62671484 A 19840702