

Title (en)

Sealed closure system for multi-purpose confinement container for irradiated nuclear fuel assemblies of high activity waste material

Title (de)

Anordnung zum dichten Verschluss von Mehrzweck-Behältern zum Einschluss von bestrahlten Kernbrennstabbindeln oder hochaktiven Müllstoffen

Title (fr)

Dispositif de fermeture étanche d'un boîtier de confinement à usages multiples pour assemblages combustibles nucléaires irradiés ou déchets à haute activité

Publication

EP 0877388 B1 20030212 (FR)

Application

EP 98420076 A 19980504

Priority

FR 9705861 A 19970506

Abstract (en)

[origin: EP0877388A1] A removable hermetic closure is claimed for a multi-purpose, metallic, irradiated nuclear fuel assembly canister, which consists of an upright tubular body (1) having a welded bottom and an open top and which is to be entirely enclosed in a thick-walled metallic over-pack. The closure includes removable solid metal discs (13, 13') located entirely within the tubular body (1) and seating, directly or via a seating disc or ring (12), on an internal peripheral shoulder (11) near the upper end of the body. Each solid disc (13, 13') includes a peripheral sealing arrangement (14, 15, 14', 15'), cooperating with a vertical portion of the wall, and a clamp is located within the body above and acting on the solid discs (13, 13') to effect sealing.

IPC 1-7

G21F 5/12

IPC 8 full level

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EP 98420076 A 19980504; DE 69811285 T 19980504; ES 98420076 T 19980504; FR 9705861 A 19970506; JP 13594598 A 19980501; KR 19980011736 A 19980403; US 5919898 A 19980414