

Title (en)

CLOSING METHOD FOR A RADIOACTIVE-MATERIAL CONTAINER, AND CONTAINER FOR CARRYING OUT THIS METHOD

Publication

EP 0169440 B1 19911030 (DE)

Application

EP 85108580 A 19850710

Priority

- DE 3427179 A 19840724
- DE 3503641 A 19850204

Abstract (en)

[origin: US4738388A] A lid (9;21;22;25) is welded to the front storage opening of a container base (1). To improve the stress corrosion cracking characteristics in the area of the welding seam it is proposed that during welding the lid (9;21;22;25) be kept in contact with a contact surface (5) of the container base (1) under a preset pressing force which considerably exceeds the weight of the lid. The invention is also directed to a correspondingly shaped container. The preset pressing force is preferably maintained by a threaded engagement or a shrink engagement between lid and base.

IPC 1-7

G21F 5/00

IPC 8 full level

G21F 5/00 (2006.01); **G21F 5/12** (2006.01)

CPC (source: EP US)

G21F 5/12 (2013.01 - EP US); **Y10T 29/49758** (2015.01 - EP US); **Y10T 29/49863** (2015.01 - EP US)

Citation (examination)

- EP 0101362 A1 19840222 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al
- EP 0141967 A1 19850522 - STEAG KERNENERGIE GMBH [DE]

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EP 0169440 A2 19860129; EP 0169440 A3 19871007; EP 0169440 B1 19911030; CA 1246247 A 19881206; DE 3503641 A1 19860206; DE 3503641 C2 19870820; DE 3584545 D1 19911205; US 4738388 A 19880419

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