

Title (en)  
Storage container

Title (de)  
Lagerbehälter

Title (fr)  
Récipient de stockage

Publication  
**EP 2848549 A1 20150318 (EN)**

Application  
**EP 14184911 A 20091002**

Priority  
• US 24510608 A 20081003  
• EP 09172100 A 20091002

Abstract (en)  
A storage container for hazardous material, such as transuranic waste, has a stainless steel can body covered by a stainless steel lid. The can body has a locking collar welded thereto and a locking ring fastened to the lid removably mounted within the locking collar. Locking tabs on the locking ring are received beneath locking shoulders on locking collar upon rotating the locking to hold the lid closed. A U-shaped handle is pivoted on the locking ring for rotating the locking ring to lock the lid to the locking collar and thus to the can body, the U-shaped handle being further used to lift the storage container. A spring biased locking pin with a thumb operated tab is coaxial with one pintle of the U-shaped handle, the tab being squeezed toward the handle by the operators thumb to unlock the pin against the bias of a coil spring so as to allow the locking ring to rotate to an unlocked position when it is desired to remove the lid from the can body.

IPC 8 full level  
**B65D 25/28** (2006.01); **B65D 51/14** (2006.01); **B65D 51/16** (2006.01); **B65D 53/02** (2006.01); **B65D 85/82** (2006.01); **G21F 5/002** (2006.01); **G21F 5/015** (2006.01); **G21F 5/12** (2006.01); **G21F 5/14** (2006.01)

CPC (source: EP US)  
**B65D 25/2858** (2013.01 - EP US); **B65D 51/145** (2013.01 - EP US); **B65D 51/1616** (2013.01 - EP US); **B65D 53/02** (2013.01 - EP US); **B65D 85/82** (2013.01 - EP US); **G21F 5/002** (2013.01 - EP US); **G21F 5/12** (2013.01 - EP US); **G21F 5/14** (2013.01 - EP US)

Citation (search report)  
• [X] US 2008017644 A1 20080124 - WICKLAND TERRY J [US], et al  
• [X] US 2007246375 A1 20071025 - WICKLAND TERRY J [US], et al  
• [A] GB 2217680 A 19891101 - BLEFA FELSER GMBH [DE]

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EP3582231A1; CN110606269A

Designated contracting state (EPC)  
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 SE SI SK SM TR

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**EP 2172944 A1 20100407**; **EP 2172944 B1 20140917**; EP 2848549 A1 20150318; US 2010084403 A1 20100408

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**EP 09172100 A 20091002**; EP 14184911 A 20091002; US 24510608 A 20081003