

Title (en)
Container for transport and/or storage with at least one radioactive element

Title (de)
Transport- und/oder Lagerbehälter mit zumindest einem radioaktiven Element

Title (fr)
Conteneur pour transport et/ou stockage avec au moins un élément radioactif

Publication
EP 1571677 B2 20121107 (DE)

Application
EP 04005398 A 20040306

Priority
EP 04005398 A 20040306

Abstract (en)
[origin: EP1571677A1] A transport and storage container for at least one radioactive element (2) with a head (9) and fuel rods (10) incorporates axial gaps (a, f) in a space between the radioactive element and the container lid (5), and at least one plastically deformable impact absorber (8).

IPC 8 full level
G21F 5/005 (2006.01); **G21F 5/008** (2006.01); **G21F 5/08** (2006.01)

CPC (source: EP)
G21F 5/005 (2013.01); **G21F 5/008** (2013.01); **G21F 5/08** (2013.01)

Citation (opposition)
Opponent :

- FR 2804941 A1 20010817 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- FR 2466298 A1 19810410 - ISCAR LTD [IL]
- FR 2207330 A1 19740614 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- EP 1571677 A1 20050907 - NUKLEAR SERVICE GMBH GNS [DE]
- Certificat d'agrément d'un modèle de colis comprenant l'emballage FS-41 Réf. F/264/B(U)FH(j)
- Prototype Fast Reactor Power Station-phénix: extrait de l'ouvrage (sept. 1974)
- Certificat d'agrément d'un modèle de colis comprenant l'emballage FS41 Réf: F/264/B(U)FG(i)
- Le combustible nucléaire des réacteurs à eau sous pression et des réacteurs à neutrons rapides: extrait de l'ouvrage (mars 1997)
- Compte-rendu de la conférence publique intitulée "Strain of lid bolts of type B Packages during 9m drop tests, results of real tests and problems of analytical prediction" 4 Sept. 2001, Kolloquium PATRAM 2001
- The 9th International Symposium on the Packaging and Transportation of Radioactive Materials, June 11-16, 1989

Cited by
DE102014118344B3; EP2061038A1; FR2996346A1; CN104685574A; US9748011B2; WO2014053433A1; WO2016091793A1; EP1571677B2

Designated contracting state (EPC)
BE BG CH CZ DE ES FR GB IT LI RO SK

Designated extension state (EPC)
LT

DOCDB simple family (publication)
EP 1571677 A1 20050907; EP 1571677 B1 20090415; EP 1571677 B2 20121107; DE 502004009351 D1 20090528; ES 2321609 T3 20090609; ES 2321609 T5 20130326

DOCDB simple family (application)
EP 04005398 A 20040306; DE 502004009351 T 20040306; ES 04005398 T 20040306