

Title (en)  
STORAGE EQUIPMENT FOR RADIOACTIVE MATERIAL

Publication  
**EP 0054944 B1 19860305 (DE)**

Application  
**EP 81110609 A 19811218**

Priority  
• DE 3048380 A 19801222  
• DE 3148528 A 19811208

Abstract (en)  
[origin: US4488048A] In a container for the storage of radioactive material comprising an inner casing for receiving the material and an outer casing made of a ceramic material which surrounds the inner casing, it is of prime importance that mechanical and thermal stresses which occur during storage and transport do not lead to destruction of the outer casing. In order to achieve this, the inner casing is held within the outer casing by contact distributed over a large surface area of the inner wall of the outer casing, the contact being achieved solely by frictional engagement, or by frictional engagement assisted by an adhesive. Preferably a contact element forming a frictional engagement element consists of a slotted sleeve and an abutment which is connected to the inner casing. Instead of a single contact element exhibiting a large contact area, a plurality of smaller contact elements can be used with an essentially uniform distribution of their individual contact areas over a large surface of the inner wall of the outer casing.

IPC 1-7  
**G21F 5/00**

IPC 8 full level  
**G21F 5/00** (2006.01); **G21F 5/008** (2006.01)

CPC (source: EP US)  
**G21F 5/008** (2013.01 - EP US)

Cited by  
CN113161031A; DE10228387B4; EP0085739A1; EP0288838A3; EP1103984A1; EP1122745A1; FR2996346A1; CN104685574A; EP0143033A1; FR2553922A1; EP1418594A1; FR2588993A1; EP0226485A1; US4810890A; US9748011B2; WO2014053433A1; WO2004001766A3

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