

Title (en)  
DEVICE AND METHOD FOR PACKING NUCLEAR FUEL ASSEMBLIES HAVING A DOUBLE CONTAINMENT BARRIER

Title (de)  
EINRICHTUNG UND VERFAHREN ZUR PACKUNG VON KERNBRENNSTOFFBAUGRUPPEN MIT DOPPEL-EINGRENZUNGSBARRIERE

Title (fr)  
DISPOSITIF ET PROCEDE DE CONDITIONNEMENT D'ASSEMBLAGES DE COMBUSTIBLE NUCLEAIRE A DOUBLE BARRIERE DE CONFINEMENT

Publication  
**EP 1700315 A2 20060913 (FR)**

Application  
**EP 04805791 A 20041028**

Priority  
• FR 2004050548 W 20041028  
• FR 0350775 A 20031103

Abstract (en)  
[origin: US2007274430A1] Transport and storage of nuclear fuel assemblies may require double confinement depending on the circumstances. A device and a method are described to perform this double conditioning without the need of a hot containment, and in which the loading and pre-positioning steps can take place in a pool. The device ( 10 ) includes a metallic inner leak tight conditioning receptacle ( 20 ) and a metallic outer leak tight receptacle ( 30 ). When the inner receptacle ( 20 ) is located in the outer receptacle ( 30 ), a passage ( 15, 25 ) remains free between the two receptacles, from the open end to the bottom of the outer receptacle. The outer receptacle ( 30 ) can be drained through this passage, particularly by a dip tube ( 33 ).

IPC 8 full level  
**G21F 5/005** (2006.01); **G21F 5/008** (2006.01); **G21F 5/06** (2006.01)

CPC (source: EP US)  
**G21F 5/005** (2013.01 - EP US); **G21F 5/008** (2013.01 - EP US); **G21F 5/06** (2013.01 - EP US); **G21F 5/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005045849A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2007274430 A1 20071129; US 7781752 B2 20100824**; AT E451698 T1 20091215; DE 602004024583 D1 20100121;  
EP 1700315 A2 20060913; EP 1700315 B1 20091209; ES 2337363 T3 20100423; FR 2861889 A1 20050506; FR 2861889 B1 20060210;  
JP 2007510919 A 20070426; JP 5291881 B2 20130918; WO 2005045849 A2 20050519; WO 2005045849 A3 20050901

DOCDB simple family (application)  
**US 57814704 A 20041028**; AT 04805791 T 20041028; DE 602004024583 T 20041028; EP 04805791 A 20041028; ES 04805791 T 20041028;  
FR 0350775 A 20031103; FR 2004050548 W 20041028; JP 2006538904 A 20041028