

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

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- 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)

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Citation (search report)

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