

Title (en)

TRANSPORT PACKAGING KIT FOR TRANSPORTING URANIUM-CONTAINING FISSION MATERIALS

Title (de)

TRANSPORTVERPACKUNGSKIT ZUM TRANSPORTIEREN VON URANHALTIGEN SPALTMATERIALIEN

Title (fr)

ENSEMBLE D'EMBALLAGE ET DE TRANSPORT POUR TRANSPORTER DES MATÉRIAUX FISSILES CONTENANT DE L'URANIUM

Publication

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Application

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Priority

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Abstract (en)

The invention relates to packaging kits intended for the transport and storage while in transit of radioactive materials. The kit comprises a container, provided with a shock damper and a double-shell assembly, each shell thereof being in the form of a barrel with a sealed lid thereon, which is arranged facing the bottom of an external reinforced casing, an inner shell of the container comprises a case with slots for placing vessels with a uranium-containing fission material, while free cavities in the case are filled with a neutron shielding material, the shock damper is located on the outer surface of the external reinforced casing of the container, said damper is made of solid wood impregnated with a flame retardant composition with an outer cladding of steel sheet, and a refractory material is laid between the damper and the cladding.

IPC 8 full level

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