

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 FISSIONNELS CONTENANT DE L'URANIUM

Publication

**EP 4050621 B1 20230607 (EN)**

Application

**EP 20947303 A 20200730**

Priority

RU 2020000404 W 20200730

Abstract (en)

[origin: EP4050621A1] 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

**G21F 5/015** (2006.01); **G21F 5/06** (2006.01); **G21F 5/12** (2006.01); **G21F 5/08** (2006.01)

CPC (source: EP KR)

**G21F 5/015** (2013.01 - KR); **G21F 5/06** (2013.01 - EP); **G21F 5/12** (2013.01 - EP); **G21F 5/08** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4050621 A1 20220831**; **EP 4050621 A4 20230104**; **EP 4050621 B1 20230607**; **EP 4050621 C0 20230607**; JP 2023504443 A 20230203; JP 7366265 B2 20231020; KR 102683491 B1 20240710; KR 20220086684 A 20220623; WO 2022025789 A1 20220203

DOCDB simple family (application)

**EP 20947303 A 20200730**; JP 2022532033 A 20200730; KR 20227018149 A 20200730; RU 2020000404 W 20200730