

Title (en)

CONTAINER FOR LONG-LIVED LOW TO HIGH LEVEL RADIOACTIVE WASTE

Title (de)

BEHÄLTER FÜR LANGLEBIGE NIEDRIG- BIS HOCHGRADIGE RADIOAKTIVE ABFÄLLE

Title (fr)

CONTENEUR POUR DECHETS RADIOACTIFS DE FAIBLE A HAUTE ACTIVITE ET A VIE LONGUE

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Application

EP 18715703 A 20180405

Priority

- LU 100166 A 20170407
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Abstract (en)

[origin: WO2018185233A1] The invention consists of a container for radioactive waste comprising an outer steel wall, an inner steel wall, a layer of lead located between the two steel walls, a steel base, a steel cover, a volume of quartz sand located inside the container, at least one internal receptacle/cassette/box that is coated/surrounded/covered at least partially by the volume of quartz sand; and radioactive waste located inside the receptacle. The internal container may be made of steel and may contain low level radioactive waste. Alternatively, the receptacle(s) may be made of ceramic material and may contain high level radioactive waste. In one preferred embodiment, the container comprises an internal rack into which the internal receptacles are placed.

IPC 8 full level

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CPC (source: EA EP US)

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Citation (search report)

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