

Title (en)

CONTAINER FOR FINAL DISPOSAL OF SOLID OR LIQUID HAZARDOUS WASTE MATERIALS MADE OF LAMINATED GLASS OR BULLETPROOF GLASS

Title (de)

BEHÄLTER ZUR ENDLAGERUNG VON FESTEN ODER FLÜSSIGEN SONDERMÜLLMATERIALIEN AUS VERBUNDGLAS ODER PANZERGLAS

Title (fr)

RÉCIPIENT EN VERRE DE SÉCURITÉ FEUILLETÉ OU EN VERRE ARMÉ POUR LE STOCKAGE ULTIME DE DÉCHETS SPÉCIAUX SOLIDES OU LIQUIDES

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Application

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Abstract (en)

[origin: WO2011110171A2] The aim of the invention is to create a container for final disposal of solid or liquid hazardous waste materials made of laminated glass or bulletproof glass and having additional protective casings. A final disposal container (1) is created which, due to the design, is nearly completely resistant to corrosion, and extremely resilient and thus impact-resistant and bulletproof. The hollow glass body (2) is additionally protected by a shell (3), (4), which absorbs light forces acting from outside. The container can be used in mines, can be buried in the desert, or can be sunk in water. When the container is used as a final disposal container (1) for radioactive materials, a two-part hollow lead body (30) is inserted into a hollow glass body (2) and filled with the disposal material (21) and sealed with a binder (20). The final disposal container (1) is permanently sealed by means of vacuum. The invention is used in the production of final disposal containers for toxic and radioactive wastes.

IPC 8 full level

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