

Title (en)

CONTAINER FOR THE LONG-LASTING STORAGE OF RADIOACTIVE MATERIALS

Publication

EP 0068152 A3 19851211 (DE)

Application

EP 82104631 A 19820527

Priority

DE 3122328 A 19810605

Abstract (en)

[origin: ES8402110A1] There is described a container for the long time storage of radioactive materials, especially spent fuel elements, in suitable geological formations which guarantees an intact barrier for a long period of time even in the event of intrusion or access of water and brine. The container is provided with a cathodic corrosion protection whereby an isotope battery serves as the source of direct current. The radioactive stored materials is used as the source of energy.

IPC 1-7

G21F 9/36

IPC 8 full level

G21F 9/36 (2006.01); **G21H 1/10** (2006.01)

CPC (source: EP US)

G21F 9/36 (2013.01 - EP US)

Citation (search report)

- [A] US 3189765 A 19650615 - DANKO JOSEPH C, et al
- [A] US 3250925 A 19660510 - SALCEDO GUMUCIO RICARDO, et al
- [A] BERICHT ARH-CD-975, 1. Juni 1977, Seiten 1-9, Atlantic Richfield Hanford Company, Richland, Washington, US; E.L. MOORE: "Feasibility of applying cathodic protection to double-wall waste storage tanks"

Designated contracting state (EPC)

BE CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0068152 A2 19830105; EP 0068152 A3 19851211; BR 8203132 A 19830517; CA 1166028 A 19840424; DE 3122328 A1 19821223; DE 3122328 C2 19850221; ES 512845 A0 19840101; ES 8402110 A1 19840101; JP S57211600 A 19821225; US 4472347 A 19840918

DOCDB simple family (application)

EP 82104631 A 19820527; BR 8203132 A 19820528; CA 404520 A 19820604; DE 3122328 A 19810605; ES 512845 A 19820604; JP 9324382 A 19820602; US 38187582 A 19820525