

Title (en)

A method of storing radioactive waste material.

Title (de)

Lagermethode für radioaktives Abfallmaterial.

Title (fr)

Méthode de stockage pour déchets radioactifs.

Publication

EP 0296855 A2 19881228 (EN)

Application

EP 88305733 A 19880623

Priority

US 6580387 A 19870623

Abstract (en)

In the illustrated embodiment, a non-deformable inner vessel 60 retains safely radioactive waste and a suitable dense metal sheath is formed around the inner vessel 60 at relatively low temperatures and pressures and, most importantly, the melting point of the material forming the sheath 74 is substantially lower than the melting point of the inner vessel 60 or the outer vessel 70 so that the sheath 74 can be removed in a suitable furnace thereby permitting retrieval of the inner vessel 60 and the waste for reprocessing.

IPC 1-7

G21F 5/00; **G21F 9/36**

IPC 8 full level

G21F 5/005 (2006.01); **G21F 9/36** (2006.01)

CPC (source: EP)

G21F 5/005 (2013.01); **G21F 9/36** (2013.01)

Cited by

JPH0742483B2; KR102004182B1; CN107464597A; US11309099B2; WO2020091208A1

Designated contracting state (EPC)

CH DE LI SE

DOCDB simple family (publication)

EP 0296855 A2 19881228; **EP 0296855 A3 19891206**

DOCDB simple family (application)

EP 88305733 A 19880623