

Title (en)
A METHOD AND A PLANT FOR THE TEMPORARY STORAGE OF RADIOACTIVE WASTES

Publication
EP 0072356 B1 19870610 (EN)

Application
EP 82830193 A 19820629

Priority
IT 4879981 A 19810630

Abstract (en)
[origin: EP0072356A1] A building is provided for the temporary storage of radioactive wastes within the area of the nuclear plant where they are produced, which building comprises one or several paralelepipedal blocks in which a plurality of tunellike compartments are defined by partitions adapted for shielding each compartment from the others and from the environment. A plurality of drums are stowed in side by side in each compartment. Particularly, two of said buildings blocks are located symmetrically at the sides of a gallery toward which the loading and unloading openings of said compartment are facing. A set of machines such as travelling lift (40) comprising a square section column (42), are provided for transferring the drums from a room of the nuclear plant where they are filled and sealed to the storage building through unprotected areas. Said set includes a machine for loading the drums into said tunnels and unloading them therefrom.

IPC 1-7
G21F 9/22; **G21F 9/34**

IPC 8 full level
G21F 9/22 (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP)
G21F 9/22 (2013.01); **G21F 9/34** (2013.01)

Cited by
US5881119A; ES2673427R1; EP3174064A1; US10449685B2; US10513393B2

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
EP 0072356 A1 19830216; **EP 0072356 B1 19870610**; AT E27745 T1 19870615; DE 3276552 D1 19870716; IT 1142713 B 19861015; IT 8148799 A0 19810630

DOCDB simple family (application)
EP 82830193 A 19820629; AT 82830193 T 19820629; DE 3276552 T 19820629; IT 4879981 A 19810630