

Title (en)

STORAGE SYSTEM FOR HAZARDOUS WASTE

Title (de)

SYSTEM ZUR LAGERUNG VON SCHÄDLICHEN ABFÄLLEN

Title (fr)

SYSTEME DE STOCKAGE POUR DECHETS TRES DANGEREUX

Publication

**EP 0761007 A1 19970312 (EN)**

Application

**EP 95919565 A 19950525**

Priority

- GB 9501199 W 19950525
- GB 9410732 A 19940527

Abstract (en)

[origin: WO9533269A1] A storage system for drums (2) containing hazardous material, such as radioactive waste, comprises a plurality of stillages (1) arranged in a vertical stack. Each stillage (1) accommodates a plurality of drums (2) and is a fabricated metal structure comprising a rectangular planar base (3) having a post (7, 8, 9, 10) extending upwardly from each corner. Each post is hollow and is provided with a support pad (27, 29, 30, 31) at an end remote from the base (3). The support pads lie in a plane substantially parallel to the base. Upper and lower tie plates (35, 36, 43) extend between the four posts to define a perimeter around the stillage. Internal partition plates (38) are provided to form a plurality of compartments for receiving the drums (2), the inner ends of the partition plates (38) being attached to a central ring (40). The stillages (1) can be arranged in a free-standing stack with the base of an upper stillage resting on the support pads of a stillage beneath it. Such a stack is able to withstand loads resulting from seismic events.

IPC 1-7

**G21F 5/14**; **G21F 5/005**; **B65D 21/02**

IPC 8 full level

**B09B 1/00** (2006.01); **B65D 21/02** (2006.01); **G21F 5/005** (2006.01); **G21F 5/14** (2006.01); **G21F 9/36** (2006.01)

CPC (source: EP)

**B65D 21/0215** (2013.01); **G21F 5/005** (2013.01); **G21F 5/14** (2013.01)

Citation (search report)

See references of WO 9533269A1

Cited by

CN111137201A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9533269 A1 19951207**; EP 0761007 A1 19970312; GB 9410732 D0 19940727; JP H10501066 A 19980127

DOCDB simple family (application)

**GB 9501199 W 19950525**; EP 95919565 A 19950525; GB 9410732 A 19940527; JP 50048695 A 19950525