

Title (en)

Method for installing a sealed passage through a cell wall

Title (de)

Verfahren zum Einbauen einer abgedichteten Durchführung durch eine Zellenwand

Title (fr)

Procédé d'installation d'une traversée étanche dans le mur d'une cellule

Publication

**EP 0742562 B1 19990331 (FR)**

Application

**EP 96401010 A 19960510**

Priority

FR 9505653 A 19950512

Abstract (en)

[origin: EP0742562A1] A radioactive hot cell has a thick wall (3) with a metal lining (4) and an access port comprising a pipe (6) extending through the wall and enclosing a second pipe (11). An annular flange (12) closes the gap between the outer ends of the pipes, and the inner end of pipe (11) is closed by a double door (13). A ring (15) inside the cell seals between pipe (11) and lining (4). Also claimed is a method of installing the port wherein a cover (5) inside the cell initially closes the inner end of a through passage into which pipe (6) is inserted until it abuts the outer face of the lining. A flat annular flange (9) is bolted to the outside of wall (3), and the outer end of pipe (6) is then welded thereto. Pipe (11) with its double door (13) is slid into pipe (6), cover (5) is removed and finally ring (15) is secured inside the cell to complete the sealing.

IPC 1-7

**G21F 7/005**

IPC 8 full level

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CPC (source: EP US)

**G21F 7/005** (2013.01 - EP US)

Cited by

EP0940818A1; KR100886638B1; CZ301748B6; EP3059014A1; BE1022762B1; US6296256B1; US10413480B2; TWI687216B; WO0217332A1; US7192065B2; US7431352B2

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**EP 0742562 A1 19961113; EP 0742562 B1 19990331**; DE 69601895 D1 19990506; DE 69601895 T2 19990930; FR 2734078 A1 19961115; FR 2734078 B1 19970613; JP H08304590 A 19961122; US 5725331 A 19980310

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