

Title (en)

METHOD OF DECONTAMINATING A CLOSED CAVITY CONTAINING TOXIC DUST

Publication

EP 0083525 B1 19850918 (FR)

Application

EP 82402331 A 19821217

Priority

FR 8124221 A 19811224

Abstract (en)

[origin: US4504524A] A process for remotely fixing toxic dust, such as plutonium oxide, on the surfaces of a sealed cavity defining an airlock between two enclosures containing toxic material which are sealingly coupled to each other, so as to avoid contamination of the atmosphere upon uncoupling of the enclosures. The cavity is filled through an inlet zone with a solution of silicone grease in a solvent, such as freon, which is capable of wetting the surfaces of the cavity. The solvent is vaporized and evacuated from the cavity such that the silicone grease is deposited on the surfaces of the cavity to fix the toxic dust thereto.

IPC 1-7

B05D 3/04; **B05D 7/22**; **G21F 9/00**

IPC 8 full level

B05D 3/04 (2006.01); **B05D 7/22** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0083525 A1 19830713; **EP 0083525 B1 19850918**; DE 3266440 D1 19851024; FR 2518904 A1 19830701; FR 2518904 B1 19850517; US 4504524 A 19850312

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