

Title (en)

PROCESS AND DEVICE ESPECIALLY FOR ENCAPSULATING RADIOACTIVE WASTE IN A BINDING MATERIAL

Publication

**EP 0170996 B1 19881012 (DE)**

Application

**EP 85109392 A 19850726**

Priority

DE 3429387 A 19840809

Abstract (en)

[origin: US4847007A] For bonding particularly radioactive wastes into a binder, a transporting and mixing device is used which transports the mixture to a storage tank prior to the hardening. The wastes are transported into the mixing zone by gravity and aided by the conveyor helix which also imparts additional wall cleaning action through the dry conveyor zone. A single or multi-component binder is concurrently transported in a direction lateral to the mixing tool to the mixing zone. The mixture is conducted in a straight-line extension of the transport and mixing direction to an outlet to which the storage tank is connected.

IPC 1-7

**G21F 9/34**; **G21F 9/16**

IPC 8 full level

**G21F 9/36** (2006.01); **G21F 9/00** (2006.01); **G21F 9/16** (2006.01); **G21F 9/30** (2006.01); **G21F 9/34** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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**EP 85109392 A 19850726**; DE 3429387 A 19840809; DE 3565613 T 19850726; JP 17096985 A 19850802; US 1649787 A 19870217