

Title (en)

Method of manufacturing a spent fuel cask

Title (de)

Verfahren zur Fertigung eines Behälters zum Einschluss von abgebranntem Kernbrennstoff

Title (fr)

Procédé de fabrication d'un conteneur pour combustible nucléaire irradié

Publication

EP 1367602 A1 20031203 (EN)

Application

EP 03011841 A 20030526

Priority

JP 2002158504 A 20020531

Abstract (en)

A period of time taken in manufacture of a cask for transportation and storage of spent fuel is shortened, and a radiation shielding capacity of a spent fuel cask is made uniform in an axial direction thereof. <??>A kneaded substance comprising a resin and a powder neutron absorber is injected into a horizontal mold. Subsequently, an operation of curing is performed. The resulting neutron shield body is taken out from the mold and is mounted between fins which are provided on an outside of an inner cylinder of a spent fuel cask. An outer cylinder is mounted on the fins to cover the neutron shield body. <IMAGE> <IMAGE>

IPC 1-7

G21F 5/008; **G21F 1/10**

IPC 8 full level

G21C 19/32 (2006.01); **G21F 1/10** (2006.01); **G21F 5/00** (2006.01); **G21F 5/008** (2006.01); **G21F 5/10** (2006.01); **G21F 9/36** (2006.01)

CPC (source: EP)

G21F 1/103 (2013.01); **G21F 5/008** (2013.01)

Citation (search report)

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CN111627575A

Designated contracting state (EPC)

DE ES FR

DOCDB simple family (publication)

EP 1367602 A1 20031203; JP 2003344581 A 20031203

DOCDB simple family (application)

EP 03011841 A 20030526; JP 2002158504 A 20020531