

Title (en)

Shielded transport container for irradiated fuel elements for nuclear reactor and method for plating a surface layer onto the shielded transport container

Title (de)

Abschirm-Transportbehälter für bestrahlte Kernreaktorbrennelemente und Verfahren zum Aufbringen einer Abschlussschicht auf den Abschirm-Transportbehälter

Title (fr)

Conteneur de transport blindé pour éléments combustibles de réacteur nucléaire irradiés et procédé de dépôt d'une couche superficielle sur le conteneur de transport blindé

Publication

EP 0556455 B1 19960918 (DE)

Application

EP 92119858 A 19921121

Priority

DE 4204527 A 19920215

Abstract (en)

[origin: EP0556455A1] A shielded transport container for irradiated nuclear reactor fuel elements with a container body consisting of spherolytic cast iron and having a cover seat and a cover fitting into the cover seat. At least the cast body (1) of the container body has a surface (2) with open pores (3) and a sealing layer (4). The sealing layer (4) has the texture of a layer (5) which has solidified from a particle melt and whose particles have a diameter which is smaller than that of the open pores (3). It also fills the open pores (3). A process for producing a sealing layer (4) is also indicated. The invention also relates to the particular use of a layer, solidified from a particle melt, as a sealing layer. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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