

## Title (en)

CONTAINER FOR UNDER WATER STORAGE OF IRRADIATED FUEL ASSEMBLIES, AND METHOD TO REALIZE SUCH A CONTAINER

## Publication

**EP 0055679 A3 19820901 (FR)**

## Application

**EP 81402101 A 19811231**

## Priority

- FR 8027857 A 19801231
- FR 8027860 A 19801231

## Abstract (en)

[origin: EP0055679A2] The casing for the underwater storage of fuel assemblies comprises a parallelepipedal metal envelope coated on the outside with a neutron absorbing material. The thickness of the metal envelope is comprised between 1.5 and 2.5 mm and the thickness of the coating is at the most equal to 2 mm The mass of boron carbide per cm<sup>2</sup> of surface of casing exceeds 0.146 g. The coating may be obtained by projection by a plasma torch of boron carbide grains completely coated with nickel or by gravity deposit of boron carbide fixed on the casing by electrolytic or chemical deposit of nickel. The invention applies to the storage of fuel assemblies in swimming pools.

## IPC 1-7

**G21F 9/24**; **G21C 19/40**; **C23C 3/00**

## IPC 8 full level

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## CPC (source: EP)

**G21F 9/36** (2013.01)

## Citation (search report)

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- EP 0016252 A1 19801001 - CARBORUNDUM CO [US]
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## Designated contracting state (EPC)

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**EP 0055679 A2 19820707**; **EP 0055679 A3 19820901**; BR 8108942 A 19821214; ES 279675 U 19841116; ES 279675 Y 19850601; ES 511154 A0 19841116; ES 511155 A0 19841116; ES 8506411 A1 19841116; ES 8506412 A1 19841116; WO 8202453 A1 19820722; YU 305181 A 19860430

## DOCDB simple family (application)

**EP 81402101 A 19811231**; BR 8108942 A 19811231; ES 279675 U 19811230; ES 511154 A 19820405; ES 511155 A 19820405; FR 8100175 W 19811231; YU 305181 A 19811222