

Title (en)

Storage container for holding spent nuclear fuel rods at a reactor site.

Title (de)

Lagerbehälter zum Lagern von verbrauchten Brennstoffstäben in einer Kernreaktoranlage.

Title (fr)

Recipient de stockage de barres usées de combustible nucléaire dans une installation à réacteur nucléaire.

Publication

EP 0005623 A2 19791128 (EN)

Application

EP 79300830 A 19790515

Priority

US 90567178 A 19780515

Abstract (en)

A storage container for holding fuel rods in a compact array said container having a base arranged to support fuel rods and walls to contain the fuel rods characterized in that two opposite end walls (20) of said container (10) have channels (30) on their upper end spaced from each other a distance equal the distance of the rows of fuel elements to be disposed in said container and that a guidance plate (32) is provided for disposition in said container to facilitate loading of fuel rods (26) into the container (10) said guidance plate (32) having protruding fingers at its upper end to be received in said channels (30) and said container having corresponding means (24, 50) for engaging the guidance plate (34) at its lower end, said guidance plate (32) providing a side support for the fuel rods (26) when being inserted in rows wherein each fuel rod (26) is in substantial line contact with the adjacent fuel rods (26).

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G21C 19/06; B65D 85/20

IPC 8 full level

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CPC (source: EP KR)

G21F 5/008 (2013.01 - EP); **G21F 5/12** (2013.01 - EP); **G21F 9/16** (2013.01 - KR)

Cited by

US4474727A; US4441242A; US4775507A; EP0506275A1; US4457888A; EP0128236A1; FR2506993A1; US5013520A; EP0276529A1; EP0351710A1; US5039474A; US4446098A

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