

Title (en)

STORAGE CONTAINER FOR HOLDING SPENT NUCLEAR FUEL RODS AT A REACTOR SITE

Publication

EP 0005623 B1 19820804 (EN)

Application

EP 79300830 A 19790515

Priority

US 90567178 A 19780515

Abstract (en)

[origin: EP0005623A2] 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).

IPC 1-7

G21C 19/06; B65D 85/20

IPC 8 full level

G21C 19/32 (2006.01); **G21F 5/008** (2006.01); **G21F 5/12** (2006.01); **G21C 19/06** (2006.01)

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

Designated contracting state (EPC)

BE CH DE GB SE

DOCDB simple family (publication)

EP 0005623 A2 19791128; **EP 0005623 A3 19800416**; **EP 0005623 B1 19820804**; DE 2963465 D1 19820930; EG 14893 A 19850630; ES 480582 A0 19810316; ES 8104623 A1 19810316; FR 2426315 A1 19791214; FR 2426315 B1 19831230; GR 67749 B 19810918; IL 57166 A 19830515; IT 1113971 B 19860127; IT 7922645 A0 19790514; JP S54150591 A 19791126; JP S6017075 B2 19850430; KR 820000551 B1 19820413; PH 17641 A 19841018; ZA 791691 B 19800730

DOCDB simple family (application)

EP 79300830 A 19790515; DE 2963465 T 19790515; EG 28279 A 19790514; ES 480582 A 19790514; FR 7912209 A 19790514; GR 790158885 A 19790413; IL 5716679 A 19790427; IT 2264579 A 19790514; JP 5876979 A 19790515; KR 790001555 A 19790515; PH 22470 A 19790509; ZA 791691 A 19790409