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(54) **Arrangement for storing spent nuclear fuel rods at a reactor site.**

(57) 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).

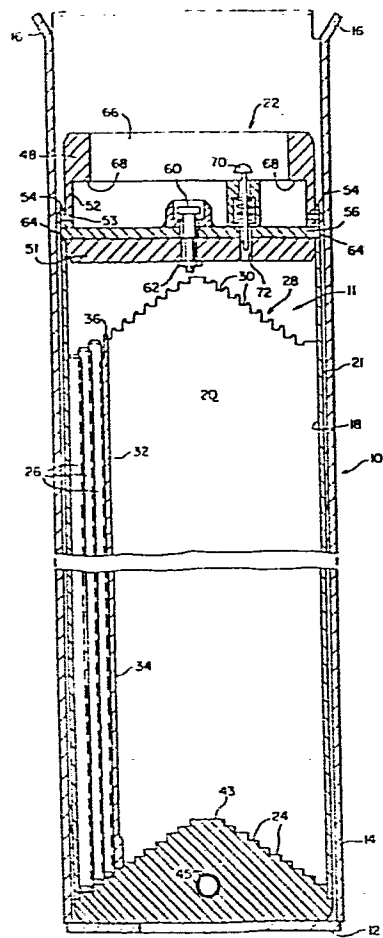


FIG. 1.



European Patent  
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# EUROPEAN SEARCH REPORT

0005623  
Application number

EP 79 30 0830

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>FR - A - 1 393 704 (N.L. CO.)</u> * Page 4, right-hand column, paragraph 3; page 5, left-hand column, paragraphs 2,3; figures 1-7 * --	1	G 12 C 19/06 B 65 D 85/20
A	<u>DE - A - 2 259 669 (LICENTIA)</u> * Figures 1-3 * --	1	
A	<u>FR - A - 1 555 657 (NUKEM)</u> * Figure 1 * --	1	TECHNICAL FIELDS SEARCHED (Int.Cl. 3) G 21 C 19/06 19/40 19/32 G 21 F 5/00 B 65 D 85/20
A	<u>FR - A - 2 006 621 (JULICH)</u> * Figures * --	1	
A	<u>FR - A - 2 171 163 (U.K.A.E.A.)</u> * Figures 1-3 * --	1	
A	<u>FR - A - 2 317 127 (GALLAY)</u> * Figure 1 * --	1	
A	<u>GB - A - 924 013 (U.K.A.E.A.)</u> * Figure 2 * ----	1	
<div> <input checked="" type="checkbox"/> The present search report has been drawn up for all claims         </div>			CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons & member of the same patent family. corresponding document
Place of search		Date of completion of the search	Examiner
The Hague		18-01-1980	KAVCIC