

Title (en)  
PROCESS FOR PERMANENT DISPOSAL OF RADIOACTIVE WASTE

Publication  
**EP 0327691 B1 19930915 (DE)**

Application  
**EP 88119450 A 19881123**

Priority  
DE 3802755 A 19880130

Abstract (en)  
[origin: EP0327691A2] The invention relates to a process for the disposal of radioactive wastes, in which the wastes are consolidated or compressed and then enclosed in a container. The object of the invention is to improve the process so that the formation of a hydrogen atmosphere in the free gas volume of the container is prevented. This is achieved, according to the invention, by a method in which the wastes are at least partially surrounded by cement containing potassium permanganate in order to eliminate the hydrogen formed during storage. Porous, non-reducing substrate material on the surface of which potassium permanganate is applied is used as an alternative covering material. The waste material and the covering material are placed in a common container.

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**G21F 9/16**

IPC 8 full level  
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**EP 88119450 A 19881123**; DE 3802755 A 19880130; DE 3884180 T 19881123; JP 1780989 A 19890130; US 30143589 A 19890125