

Title (en)  
Dewatering nuclear wastes.

Title (de)  
Entfeuchtung von nuklearen Abfällen.

Title (fr)  
Déshydratation de déchets nucléaires.

Publication  
**EP 0196843 A1 19861008 (EN)**

Application  
**EP 86302115 A 19860321**

Priority  
US 71500685 A 19850322

Abstract (en)  
A method of dewatering a solution or slurry that contains radioactive particles to a condition satisfactory for permanent storage. Free standing water is removed from the slurry, and then a sufficient quantity of water is removed from the particles so that at the permanent storage temperature the particles will be unsaturated with respect to adsorbed water and will act as their own desiccant during the course of the permanent storage regimen. The adsorbed waters are preferably removed by evaporation after substantially all interstitial water is removed, and most preferably by causing low humidity air to flow at sufficient velocity uniformly through the particle bed.

IPC 1-7  
**G21F 9/08**

IPC 8 full level  
**C02F 11/12** (2006.01); **G21F 9/08** (2006.01); **G21F 9/30** (2006.01)

CPC (source: EP)  
**G21F 9/08** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

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