

Title (en)
METHOD OF AND APPARATUS FOR TREATING RADIOACTIVE WASTE.

Title (de)
VERFAHREN UND ANORDNUNG ZUM BEHANDELN RADIOAKTIVEN ABFALLS.

Title (fr)
PROCEDE ET DISPOSITIF DE TRAITEMENT DE DECHETS RADIOACTIFS.

Publication
EP 0192777 A4 19861002 (EN)

Application
EP 85904280 A 19850828

Priority
JP 18056184 A 19840831

Abstract (en)
[origin: EP0192777A1] The invention relates to treating radioactive waste consisting chiefly of used ion-exchange resin. The ion-exchange resin adsorbs water to swell. It has therefore been difficult to solidify waste maintaining high charging ratio and increased strength. According to this invention, ion-exchange resin is carbonized through thermal decomposition, and a hydrophobic property is imparted thereto. The resin is then solidified after removing gas that is adsorbed by the carbonized resin.

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G21F 9/32; **G21F 9/30**

IPC 8 full level
G21F 9/30 (2006.01); **G21F 9/32** (2006.01)

CPC (source: EP KR)
G21F 9/32 (2013.01 - EP KR)

Citation (search report)

- [X] EP 0089580 A1 19830928 - HITACHI LTD [JP]
- [X] US 4053432 A 19771011 - TIEPEL ERICH W, et al
- See references of WO 8601633A1

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DE FR GB

DOCDB simple family (publication)
WO 8601633 A1 19860313; DE 3579312 D1 19900927; EP 0192777 A1 19860903; EP 0192777 A4 19861002; EP 0192777 B1 19900822; JP H0448199 B2 19920806; JP S6159299 A 19860326; KR 870700248 A 19870530

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