

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.

IPC 1-7

**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

DOCDB simple family (application)

**JP 8500472 W 19850828**; DE 3579312 T 19850828; EP 85904280 A 19850828; JP 18056184 A 19840831; KR 860700206 A 19860410