

Title (en)

PROCESS FOR TREATING AQUEOUS BASIC EFFLUENTS CONTAINING PLUTONIUM AND POSSIBLY URANIUM

Publication

**EP 0070213 B1 19860102 (FR)**

Application

**EP 82401143 A 19820622**

Priority

FR 8112408 A 19810624

Abstract (en)

[origin: US4481135A] The invention relates to a process for the treatment of basic aqueous effluents containing plutonium and possibly uranium. According to this process, the effluents are concentrated by evaporation under reduced pressure, at a temperature such that plutonium precipitation is substantially avoided. Advantageously, the effluents are evaporated at a temperature of 50 DEG to 80 DEG C. for a time such that a concentration factor of at least 6 is obtained. Application to the treatment of aqueous effluents obtained by the alkaline washing of organic solvents used in installations for the reprocessing of irradiated nuclear fuels.

IPC 1-7

**G21F 9/08**

IPC 8 full level

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CPC (source: EP US)

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**EP 0070213 A1 19830119**; **EP 0070213 B1 19860102**; DE 3268264 D1 19860213; FR 2508693 A1 19821231; FR 2508693 B1 19831007; JP H0129280 B2 19890608; JP S586494 A 19830114; US 4481135 A 19841106

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