

Title (en)

Method of processing high level radioactive waste liquor.

Title (de)

Verfahren zur Behandlung hochradioaktiver flüssiger Abfälle.

Title (fr)

Procédé de traitement des liqueurs radio-actives résiduelles de haute activité.

Publication

EP 0081044 A1 19830615 (EN)

Application

EP 82108466 A 19820914

Priority

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- JP 15768081 A 19811002

Abstract (en)

A method of processing a high level radioactive waste liquor is disclosed. The method mixes (4, 11) the high level radioactive waste liquor (1) with a solidifying agent (2) which changes reversibly from a liquid to a solid and vice versa depending upon its pH value and with a fixing agent (3) which reacts with fission products contained in the high level radioactive waste liquor and prevents the permeation or evaporation of the fission products, so as to solidify the waste liquor to a solid (14) for intermediate storage while the fission products are sealed therein, and adds an acid or an alkali to the solid (14) for intermediate storage or heats the solid (14) for intermediate storage, whenever necessary, to return again the solid (14) to the liquid.

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G21F 9/16

IPC 8 full level

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CPC (source: EP)

G21F 9/162 (2013.01)

Citation (search report)

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Cited by

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