

Title (en)

METHOD FOR PREPARING HIGHLY RADIOACTIVE MATERIALS FOR TRANSMUTATION AND/OR BURN-UP

Title (de)

VERFAHREN ZUR VORBEREITUNG VON HOCHRADIOAKTIVEN STOFFEN FÜR EINE TRANSMUTATION UND/ODER VERBRENNUNG

Title (fr)

PROCEDE POUR PREPARER DES MATIERES HAUTEMENT RADIOACTIVES EN VUE D'UNE TRANSMUTATION ET/OU D'UNE COMBUSTION

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Application

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Abstract (en)

[origin: WO9735324A1] The invention concerns a method of preparing highly radioactive materials for transmutation and/or burn-up by irradiation in a nuclear plant. The invention proposes that the materials are first converted into liquid form by melting or chemical dissolution and a porous carrier material which is essentially insoluble in the liquefied materials is impregnated with the liquefied materials and then heated in such a way that the materials are converted into the finally required chemical form and density.

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