

Title (en)

METHOD FOR REDUCING THE VOLUME OF RADIOACTIVELY CHARGED ION EXCHANGERS TO BE STORED

Title (de)

VERFAHREN ZUR VOLUMENREDUZIERENDEN ENTSORGUNG VON ZU LAGERNDEN RADIOAKTIV BELASTETEN IONENAUSTAUSCHERN

Title (fr)

PROCEDE POUR ELIMINER DES ECHANGEURS D'IONS CHARGES RADIOACTIVEMENT ET DEVANT ETRE STOCKES, TOUT EN REDUISANT LEUR VOLUME

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Application

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Abstract (en)

[origin: WO0221538A2] The invention relates to a method for reducing the volume of radioactively charged ion exchangers to be stored. The inventive method enables radioactively charged ion exchangers, which are especially used in the nuclear domain as adsorber materials, to be disposed of. The radioactive metals and/or radionuclides are eluted from the ion exchangers, the eluate is decontaminated by means of biosorbents, the biosorbents are burned with the combined, radioactive metals and/or radionuclides, and the solid residue of combustion is enclosed in glass powder, cement or bitumen.

IPC 8 full level

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