

Title (en)

METHOD FOR DESTROYING A NUCLEAR GRAPHITE BY GASIFICATION IN AQUEOUS MEDIUM

Title (de)

VERFAHREN ZUR ZERSTÖRUNG VON NUKLEAREM GRAPHIT DURCH VERGASUNG IN WÄSSRIGEM MEDIUM

Title (fr)

PROCEDE DE DESTRUCTION D'UN GRAPHITE NUCLEAIRE PAR GAZEIFICATION EN MILIEU AQUEUX

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Application

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Abstract (en)

[origin: WO03050208A2] The invention concerns a method for treating a nuclear graphite contaminated by radioactive elements. Said method consists in subjecting said graphite, immersed in a water-containing medium, to high voltage pulses, said pulses having sufficient energy to generate electric arcs which breaks up the linkages constituting the water molecules and the carbon-carbon linkages of said graphite, the number of high voltage pulses being determined so as to obtain transformation of said graphite into gas.

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