

Title (en)
METHOD FOR NET DECREASE OF HAZARDOUS RADIOACTIVE NUCLEAR WASTE MATERIALS

Publication
EP 0030404 B1 19860430 (EN)

Application
EP 80201147 A 19801203

Priority
US 10065879 A 19791205

Abstract (en)
[origin: EP0030404A1] A method for decreasing the amount of hazardous radioactive reactor waste materials by separating from the waste of materials having long-term risk potential and exposing these materials to a thermal neutron flux. The utilization of thermal neutrons enhances the natural decay rates of the hazardous materials while the separation for recycling of the hazardous materials prevents further transmutation of stable and short-lived nuclides.

IPC 1-7
G21F 9/00; **G21G 1/00**

IPC 8 full level
G21F 9/00 (2006.01); **G21G 1/00** (2006.01)

CPC (source: EP)
G21F 9/00 (2013.01)

Cited by
FR2702591A1; ITCO20130066A1; EP3273446A4; GB2246467A; DE4123145A1; FR2665570A1; GB2246467B; DE4123145C2; US10629316B2; WO9417532A1; WO8504752A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 80201147 A 19801203; AT 80201147 T 19801203; AU 6435380 A 19801113; DE 3071586 T 19801203; JP 16648080 A 19801126; ZA 807201 A 19801119