

Title (en)

PROCESS FOR IMMOBILIZING THE ION-EXCHANGE RESINS PROCEEDING FROM THE SECONDARY LOOPS OF PRESSURIZED-WATER AND GRAPHITE-GAS REACTORS

Publication

EP 0321352 B1 19921125 (FR)

Application

EP 88403208 A 19881216

Priority

FR 8717596 A 19871216

Abstract (en)

[origin: US4834915A] The present invention relates to a process for the immobilization of ion exchange resins originating from the secondary circuits of pressurized water nuclear reactors and gas-cooled graphite-moderated reactors, wherein the ion exchange resins are saturated with a base, preferably sodium hydroxide, under conditions such that the pH of the medium is greater than about 9 and such as to favor the release of ammonia, after which the said resins are concreted with a hydraulic binder.

IPC 1-7

G21F 9/16

IPC 8 full level

G21F 9/30 (2006.01)

CPC (source: EP KR US)

G21F 9/16 (2013.01 - KR); **G21F 9/30** (2013.01 - EP US); **G21F 9/304** (2013.01 - EP US)

Cited by

EP1137014A1; WO9310539A1

Designated contracting state (EPC)

BE CH DE ES GB IT LI NL

DOCDB simple family (publication)

EP 0321352 A1 19890621; **EP 0321352 B1 19921125**; DE 3876224 D1 19930107; DE 3876224 T2 19930519; ES 2053790 T3 19940801; FR 2624769 A1 19890623; FR 2624769 B1 19910419; KR 890010932 A 19890811; KR 970004357 B1 19970327; US 4834915 A 19890530

DOCDB simple family (application)

EP 88403208 A 19881216; DE 3876224 T 19881216; ES 88403208 T 19881216; FR 8717596 A 19871216; KR 880016343 A 19881208; US 15703988 A 19880216