

Title (en)

ELECTROCHEMICAL DISSOLUTION OF NUCLEAR FUEL PINS

Title (de)

ELEKTROCHEMISCHE AUFLÖSUNG VON NUKLEARBRENNSTOFFSTÄBEN

Title (fr)

DISSOLUTION ELECTROCHIMIQUE D'AIGUILLES DE COMBUSTIBLE NUCLEAIRE

Publication

EP 1019566 A1 20000719 (EN)

Application

EP 98941584 A 19980904

Priority

- GB 9802633 W 19980904
- GB 9718867 A 19970906

Abstract (en)

[origin: WO9913135A1] Electrochemical dissolution, especially of nuclear fuel pins, is performed using a substrate container in the form of a perforate stepped truncated pyramid. The polarity of the electrodes may be reversed during an initial stage of the process, to activate the fuel pins.

IPC 1-7

C25F 5/00; **C25F 7/00**; **C25F 1/16**; **G21C 19/46**; **G21F 9/28**; **C22B 34/14**; **B65D 21/00**; **B65D 83/00**; **C25D 5/18**; **C25D 17/26**; **C25C 7/00**

IPC 8 full level

G21C 19/34 (2006.01); **B65D 21/00** (2006.01); **B65D 83/00** (2006.01); **C22B 34/14** (2006.01); **C25D 5/18** (2006.01); **C25D 17/26** (2006.01); **G21C 19/46** (2006.01)

CPC (source: EP US)

C22B 34/14 (2013.01 - EP); **C25D 5/18** (2013.01 - EP US); **C25D 17/26** (2013.01 - EP US); **G21C 19/46** (2013.01 - EP); **Y02E 30/30** (2013.01 - EP); **Y02W 30/50** (2015.05 - EP)

Cited by

RU2484159C1

Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

WO 9913135 A1 19990318; CN 1269848 A 20001011; EP 1019566 A1 20000719; GB 9718867 D0 19971112; JP 2001516041 A 20010925

DOCDB simple family (application)

GB 9802633 W 19980904; CN 98808857 A 19980904; EP 98941584 A 19980904; GB 9718867 A 19970906; JP 2000510915 A 19980904