

Title (en)

METHOD FOR TREATING A NUCLEAR GRAPHITE CONTAMINATED

Title (de)

VERFAHREN ZUR BEHANDLUNG VON KONTAMINIERTEM NUKLEAREM GRAPHIT

Title (fr)

PROCEDE DE TRAITEMENT D'UN GRAPHITE NUCLEAIRE CONTAMINE

Publication

EP 1453607 A1 20040908 (FR)

Application

EP 02799805 A 20021210

Priority

- FR 0204254 W 20021210
- FR 0115973 A 20011211

Abstract (en)

[origin: WO03049865A1] The invention concerns a method for treating graphite contaminated by radioactive elements, said method comprising a grinding step which consists in subjecting said graphite, immersed in liquid medium, to high voltage pulses, said liquid medium having a resistivity such that, under the effect of the energy carried by the pulses, electric arcs are generated and, in contact with said graphite, break up the carbon-carbon linkages constituting said graphite, the number of high voltage pulses being determined so as to obtain a specific grain size distribution.

IPC 1-7

B02C 19/18; **G21F 9/30**

IPC 8 full level

B02C 19/18 (2006.01); **G21F 9/30** (2006.01)

CPC (source: EP US)

B02C 19/18 (2013.01 - EP US); **G21F 9/30** (2013.01 - EP US); **B02C 2019/183** (2013.01 - EP US)

Citation (search report)

See references of WO 03049865A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03049865 A1 20030619; AT E358534 T1 20070415; DE 60219349 D1 20070516; DE 60219349 T2 20071213; EP 1453607 A1 20040908; EP 1453607 B1 20070404; ES 2286327 T3 20071201; FR 2833192 A1 20030613; FR 2833192 B1 20040806; JP 2005512072 A 20050428; JP 4272526 B2 20090603; US 2005051644 A1 20050310; US 7500623 B2 20090310

DOCDB simple family (application)

FR 0204254 W 20021210; AT 02799805 T 20021210; DE 60219349 T 20021210; EP 02799805 A 20021210; ES 02799805 T 20021210; FR 0115973 A 20011211; JP 2003550909 A 20021210; US 49825904 A 20040609