

Title (en)

PROCESS FOR DECONTAMINATING METALLIC COMPONENTS OF A NUCLEAR PLANT

Publication

EP 0144036 A3 19850717 (DE)

Application

EP 84113995 A 19841119

Priority

DE 3343396 A 19831130

Abstract (en)

[origin: US4632740A] Apparatus for performing a method of decontaminating metallic components of a nuclear engineering installation by electropolishing with electrodes and an electrolyte liquid travelling in a circulatory loop during the decontamination, including a filter having a pore width of at most 1.5 μm, the electrolyte liquid being an aqueous solution having an electrolyte concentration of at most 20 percent by weight.

IPC 1-7

C25F 7/02; C25F 3/16; G21F 9/00

IPC 8 full level

G21F 9/28 (2006.01); **C25F 3/16** (2006.01); **C25F 7/02** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP US)

C25F 3/16 (2013.01 - EP US); **C25F 7/02** (2013.01 - EP US); **G21F 9/004** (2013.01 - EP US)

Citation (search report)

- DD 136982 A1 19790808 - SCHWANZARA BENNOIT ROLF, et al
- DE 1192522 B 19650506 - CHEMISCHE MASCHB WERKE VEB
- US 3007814 A 19611107 - BULAT THOMAS J
- US 4401532 A 19830830 - JACKSON OPHA L [US]
- EP 0074463 A1 19830323 - KERNFORSCHUNGSZ KARLSRUHE [DE]
- US 4190513 A 19800226 - JUMER JOHN F [US]
- [Y] CHEMICAL ABSTRACTS, Band 96, Nr. 15, 12. April 1982, Seite 530, Zusammenfassung Nr. 112077u COLUMBUS, OHIO, (US). J.T. McVEY et al.: "Tools and equipment: from nuclear waste to reusable items".
- [A] H.W. DETTNER et al.: "Handbuch der Galvanotechnik", Band 1, Teil 1, 1963, Seite 557 Carl Hanser Verlag, MUNCHEN, (DE)

Cited by

FR2696864A1; GB2493295A; GB2493295B; EP0274329A1; FR2609352A1; US4836900A; WO9534079A1; WO9409496A1; WO2011121291A1; WO2020161459A1

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