

Title (en)  
PROCESS FOR PRETREATING URANIUM OR URANIUM ALLOY SURFACES

Publication  
**EP 0175598 B1 19880921 (FR)**

Application  
**EP 85401419 A 19850711**

Priority  
FR 8411387 A 19840718

Abstract (en)  
[origin: US4673585A] Process for the preparation of the surface of a uranium or uranium alloy part. It comprises a stage of chemically etching the surface of the uranium or uranium alloy part by means of a solution of nickel chloride and hydrochloric acid. The etching solution may also contain hydrofluoric acid. The nickel-coated uranium or uranium alloy parts can be used as shielding or ballasting members in a marine atmosphere.

IPC 1-7  
**C23C 18/18**; **C25D 5/46**; **C23F 1/30**

IPC 8 full level  
**C23C 18/18** (2006.01); **C23F 1/30** (2006.01); **C25D 5/46** (2006.01)

CPC (source: EP US)  
**C23C 18/1844** (2013.01 - EP US); **C23F 1/30** (2013.01 - EP US); **C25D 5/46** (2013.01 - EP US)

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**FR 2567913 A1 19860124**; **FR 2567913 B1 19891110**; DE 3565126 D1 19881027; EP 0175598 A1 19860326; EP 0175598 B1 19880921; US 4673585 A 19870616

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**FR 8411387 A 19840718**; DE 3565126 T 19850711; EP 85401419 A 19850711; US 75259585 A 19850708