

Title (en)

Etching process for zirconium metallic objects.

Title (de)

Ätzverfahren für Metallgegenstände aus Zirkonium.

Title (fr)

Procédé de décapage d'objets métalliques en zirconium.

Publication

EP 0305943 B1 19931020 (EN)

Application

EP 88114045 A 19880829

Priority

US 9122587 A 19870831

Abstract (en)

[origin: EP0305943A2] A process for determining the dissolved zirconium content of a hydrofluoric acid - nitric acid etching bath (7) for zirconium articles by determining the rise in temperature of a volume of the bath (7) upon immersion therein of a known quantity of zirconium metal (15), immersing a known quantity of zirconium metal (15) into a portion of the bath (7), measuring the rise in temperature over a predetermined period of time of said portion (7), determining the dissolved zirconium content of the bath (7) as a function of the rise in temperature, and treating the bath (7) dependent upon the dissolved zirconium content so determined to be in the bath (7).

IPC 1-7

C23F 1/26

IPC 8 full level

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