

Title (en)
ETCHING PROCESS FOR ZIRCONIUM METALLIC OBJECTS

Publication
EP 0305943 A3 19900110 (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
C23F 1/00 (2006.01); **C23F 1/08** (2006.01); **C23F 1/26** (2006.01)

CPC (source: EP KR)
C23F 1/10 (2013.01 - KR); **C23F 1/26** (2013.01 - EP)

Citation (search report)
• [A] NL 6515842 A 19661227
• [AD] DE 2828547 A1 19800103 - DIDIER WERKE AG
• [A] US 3419446 A 19681231 - BENTON ROBERT C
• [APD] EP 0254539 A1 19880127 - WESTINGHOUSE ELECTRIC CORP [US]

Designated contracting state (EPC)
BE DE ES FR GB IT SE

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EP 0305943 A2 19890308; EP 0305943 A3 19900110; EP 0305943 B1 19931020; DE 3885044 D1 19931125; DE 3885044 T2 19940217; ES 2045045 T3 19940116; JP S6475685 A 19890322; KR 890003986 A 19890419

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