

Title (en)

Process for the surface protection of metallic articles against high-temperature corrosion, and article treated by this process.

Title (de)

Verfahren zum Schutz der Oberflächen von Metallteilen gegen Hochtemperaturkorrosion sowie dadurch behandeltes Teil.

Title (fr)

Procédé de protection de surface de pièces métalliques contre la corrosion à température élevée, et pièce traitée par ce procédé.

Publication

EP 0370838 B1 19940720 (FR)

Application

EP 89402753 A 19891005

Priority

FR 8813991 A 19881026

Abstract (en)

[origin: US4962005A] A method including aluminization treatment preceded by a palladium predeposition treatment, the palladium being associated with at least one barrier metal selected from nickel, cobalt, and chromium, thereby avoiding hydrogen occlusion.

IPC 1-7

C23C 28/02; **C23C 30/00**

IPC 8 full level

C23C 10/02 (2006.01); **C23C 14/14** (2006.01); **C23C 14/16** (2006.01); **C23C 26/00** (2006.01); **C23C 28/02** (2006.01); **C25D 5/10** (2006.01)

CPC (source: EP US)

C23C 10/02 (2013.01 - EP US); **C23C 26/00** (2013.01 - EP US); **Y10T 428/12875** (2015.01 - EP US); **Y10T 428/12931** (2015.01 - EP US)

Citation (examination)

- DE 1955203 A1 19710513 - DEUTSCHE EDELSTAHLWERKE AG
- Transactions of the ASME, Vol. 110, janvier 1988, pp 142-149

Cited by

EP0905281A1; FR2768750A1; US6228513B1

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

FR 2638174 A1 19900427; **FR 2638174 B1 19910118**; DE 68916914 D1 19940825; DE 68916914 T2 19941215; EP 0370838 A1 19900530; EP 0370838 B1 19940720; JP 2700931 B2 19980121; JP H02277784 A 19901114; US 4962005 A 19901009

DOCDB simple family (application)

FR 8813991 A 19881026; DE 68916914 T 19891005; EP 89402753 A 19891005; JP 27732989 A 19891026; US 41997489 A 19891011