

Title (en)

Process for dissolving oxyde deposited on a metallic substrate and its application to decontamination.

Title (de)

Verfahren zur Auflösung von auf einem Substrat deponierten Oxiden und Verwendung zur Dekontaminierung.

Title (fr)

Procédé de dissolution d'oxyde déposé sur un substrat métallique et son application à la décontamination.

Publication

**EP 0406098 B1 19940921 (FR)**

Application

**EP 90401826 A 19900626**

Priority

FR 8908524 A 19890627

Abstract (en)

[origin: EP0406098A1] Process for dissolving oxide deposited on a metal substrate. This process comprises the following stages: a) etching with an oxidising solution containing a permanganate anion at a pH of between 2 and 6, preferably between 2 and 4, the etching period being chosen so that the exponential stage is finished, the oxidising solution also containing a sulphate ion at a concentration of between 10<-2> and 10<-5>, preferably between 10<-3> and 10<-4>N; b) a reductive etching by means of an easily degradable organic compound. Application to the decontamination of components of nuclear power stations. <IMAGE>

IPC 1-7

**G21F 9/00**; **C23G 1/02**

IPC 8 full level

**C23G 1/02** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP)

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Cited by

FR3143177A1; WO2024121501A1; FR2850673A1; FR2699936A1; CN1039037C; US6549603B1; WO9415001A3; US10056163B2; US6613153B1; US10950360B2; WO2013041595A1; WO9956286A3; WO2017157668A1; TWI714732B

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