

Title (en)

ANTI-CORROSION TREATMENT PROCESS FOR IRON MATERIALS

Publication

**EP 0177786 B1 19890301 (EN)**

Application

**EP 85111452 A 19850910**

Priority

JP 18878484 A 19840911

Abstract (en)

[origin: EP0177786A1] A novel anti-corrosion treatment process for iron materials is disclosed. The treatment comprises forming zinc coating on the surface of an iron material by the mechanical zinc plating and then treating the plated surface with a non-aqueous chromating composition. The process brings about practically sufficient anti-corrosion effect economically without provision for treating waste liquid.

IPC 1-7

**B24C 11/00; C23C 22/37; C23C 24/04**

IPC 8 full level

**C23C 22/37** (2006.01); **C23C 22/04** (2006.01); **C23C 22/78** (2006.01); **C23C 24/04** (2006.01); **C23C 28/00** (2006.01); **C23C 28/04** (2006.01)

CPC (source: EP KR)

**C23C 22/04** (2013.01 - EP); **C23C 22/37** (2013.01 - KR); **C23C 22/78** (2013.01 - EP); **C23C 24/04** (2013.01 - EP); **C23C 28/321** (2013.01 - EP); **C23C 28/34** (2013.01 - EP)

Citation (examination)

- FR 2446867 A1 19800814 - NIPPON PAINT CO LTD [JP]
- PATENT ABSTRACTS OF JAPAN, unexamined applications, C field, vol. 5, no. 128, August 18, 1981, THE PATENT OFFICE JAPANESE GOVERNMENT, p. 70 C 67

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CH DE FR GB IT LI NL

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**EP 0177786 A1 19860416; EP 0177786 B1 19890301**; AU 4694985 A 19860320; AU 562978 B2 19870625; BR 8504350 A 19860708; CA 1243561 A 19881025; DE 3568458 D1 19890406; JP H0349989 B2 19910731; JP S6167773 A 19860407; KR 860002588 A 19860426; KR 890004790 B1 19891127

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