

Title (en)

Dissimilar metal joint member with good corrosion resistance and method for manufacturing same

Title (de)

Bauteil mit Verbindung zwischen unterschiedlichen Metallen und guter Resistenz gegen Korrosion und Verfahren zur Herstellung

Title (fr)

Pièce avec une liaison de métaux différents et une bonne résistance à la corrosion et procédé de fabrication d'un tel pièce

Publication

**EP 1722007 A1 20061115 (EN)**

Application

**EP 05010354 A 20050512**

Priority

EP 05010354 A 20050512

Abstract (en)

A method for manufacturing a dissimilar metal joint member having an excellent corrosion resistance is provided. The method comprises immersing a member having an iron material and Al or an Al alloy material jointed together in a solution containing fluoro complex ions and zinc ions to cause metallic zinc to be deposited in the vicinity of a jointed portion.

IPC 8 full level

**C23C 18/54** (2006.01); **C23C 22/78** (2006.01); **C23C 28/00** (2006.01)

CPC (source: EP)

**C23C 18/54** (2013.01); **C23C 22/78** (2013.01)

Citation (search report)

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- [XA] REINHOLD B ET AL: "Beschichtungssysteme für Verbindungselemente in Kontakt mit Leichtmetallen", WERKST KORROS; WERKSTOFFE UND KORROSION 1995 VCH VERLAGSGESELLSCHAFT MBH, WEINHEIM, GERMANY, vol. 46, no. 11, 1995, pages 615 - 621, XP009055280
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- [A] DATABASE WPI Section Ch Week 198215, Derwent World Patents Index; Class M11, AN 1982-29637E, XP002348921
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11 6 November 2002 (2002-11-06)

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