

Title (en)
ZINC AND ZINC-ALLOY ELECTROPLATING

Title (de)
GALVANISCHE ABSCHIEDUNG VON ZINK UND ZINKLEGIERUNGEN

Title (fr)
ELECTRODEPOSITION DE ZINC ET D'ALLIAGE DE ZINC

Publication
EP 1639155 A4 20070425 (EN)

Application
EP 03734340 A 20030603

Priority
US 0317350 W 20030603

Abstract (en)
[origin: WO2004108995A1] An apparatus (12) for applying a zinc or zinc-alloy electroplate to a workpiece comprises an electroplating bath (16) having a pH more than about 14. The electroplating bath includes zinc ions and an additive. A cathode workpiece (18) is in the bath. An anode assembly (20) contacts the bath. The anode assembly includes an anolyte and an insoluble metal anode in the anolyte. The additive is capable of electrolytically breaking down upon contact with the anode. The anode assembly inhibits the electrolytic breakdown of the additive.

IPC 8 full level
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CPC (source: EP)
C25D 3/22 (2013.01); **C25D 3/565** (2013.01); **C25D 17/10** (2013.01)

Citation (search report)
• [X] WO 0196631 A1 20011220 - TASKEM INC [US], et al
• See references of WO 2004108995A1

Cited by
US11339492B2; TWI763777B

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