

Title (en)
ZINCATE ZINC PLATING BATH

Title (de)
AUF ZINKAT BASIERENDES VERZINKUNGSBAD

Title (fr)
BAIN DE ZINGAGE À BASE DE ZINCATE

Publication
EP 2357268 A4 20121205 (EN)

Application
EP 09826073 A 20091110

Priority
• JP 2009069108 W 20091110
• JP 2008289115 A 20081111

Abstract (en)
[origin: EP2357268A1] To provide a zincate zinc plating bath capable of efficiently forming a zinc plating film with high brightness and high qualities even at a low current density. The zincate zinc plating bath is used in electroplating for depositing a metal containing at least zinc and forming a zinc plating film. It contains a primary brightener having a function of reducing the size crystals of the metal to be deposited and a plating accelerator containing a heterocyclic compound having a predetermined structure such as 2,5-dimercapto-1,3,4-thiadiazole.

IPC 8 full level
C25D 3/22 (2006.01)

CPC (source: EP US)
C25D 3/22 (2013.01 - EP US)

Citation (search report)
• [XII] WO 9950479 A1 19991007 - WM CANNING LIMITED [GB], et al
• See references of WO 2010055825A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2357268 A1 20110817; EP 2357268 A4 20121205; JP 5419021 B2 20140219; JP WO2010055825 A1 20120412;
US 2011210007 A1 20110901; WO 2010055825 A1 20100520

DOCDB simple family (application)
EP 09826073 A 20091110; JP 2009069108 W 20091110; JP 2010537773 A 20091110; US 200913126888 A 20091110