

Title (en)

Process for electrodeposition of zinc deposits and /or zinc alloy deposits

Title (de)

Verfahren zur galvanischen Abscheidung von Zinkniederschlägen und/oder Zinklegierungsniederschlägen

Title (fr)

Procédé de dépôt galvanique des couches de zinc et/ou des couches d'alliages de zinc

Publication

EP 0987349 B1 20050105 (DE)

Application

EP 99117272 A 19990902

Priority

DE 19842098 A 19980915

Abstract (en)

[origin: EP0987349A1] Heterocyclic aromatic compounds with at least one alkylated nitrogen as the heteroatom (I) are used as brightening agents in a process for electroplating metal surfaces with zinc and/or zinc alloy from an aqueous acid electrolyte containing zinc salt(s) and brightener(s).

IPC 1-7

C25D 3/22; **C25D 3/56**

IPC 8 full level

C25D 3/22 (2006.01); **C25D 3/56** (2006.01)

CPC (source: EP)

C25D 3/22 (2013.01); **C25D 3/565** (2013.01)

Cited by

US9325037B2; US9269998B2; US11664547B2; KR100556604B1

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DOCDB simple family (publication)

EP 0987349 A1 20000322; **EP 0987349 B1 20050105**; AT E286547 T1 20050115; DE 19941765 A1 20000316; DE 59911392 D1 20050210; ES 2237003 T3 20050716

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