

Title (en)

Process for electroplating zinc alloy and apparatus employed therefor.

Title (de)

Verfahren zur Elektroplattierung einer Zinklegierung und Vorrichtung dafür.

Title (fr)

Procédé d'électroplacage d'un alliage de zinc et dispositif utilisé dans ce but.

Publication

EP 0435835 B1 19940803 (EN)

Application

EP 90830585 A 19901214

Priority

JP 32556289 A 19891215

Abstract (en)

[origin: EP0435835A2] Disclosed herein are a process for electroplating a zinc alloy which comprises disposing in an electrolytic cell (10) a gas diffusion electrode apparatus (g) comprising a plurality of gas diffusion electrodes (1) which function as an anode and are formed by a gas diffusion layer (2) and a reaction layer (3) being attached together, and an electroconductive reinforcing frame (4) to which the gas diffusion electrodes (1) are supported; forming a zinc alloy plating bath on the reaction layer side of the electrolytic cell which functions as anode chamber; supplying electricity to the gas diffusion electrodes through the reinforcing frame while supplying a hydrogen gas to the electrolytic cell of the gas diffusion layer side; and electroplating a steel (16) with the zinc alloy by passing the steel as a cathode material through the zinc alloy bath; and an apparatus employed therefor. <IMAGE>

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IPC 8 full level

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