

Title (en)

PROCESS FOR ELECTROPLATING ZINC ALLOY AND APPARATUS EMPLOYED THEREFOR

Publication

EP 0435835 A3 19911113 (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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CPC (source: EP)

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Citation (search report)

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