

Title (en)

PROCESS FOR MEASURING THE CURRENT EFFICIENCY OF ELECTROPLATING BATHS

Publication

EP 0045970 B1 19850116 (DE)

Application

EP 81106263 A 19810811

Priority

DE 3030664 A 19800813

Abstract (en)

[origin: CA1166187A] A method for determining current efficiency in a galvanic bath employs a measuring cell within which a sample is introduced from the galvanic bath. In this sample, onto a preferably rotating electrode metal is precipitated. A negative voltage is applied at constant current during a first predetermined time during the precipitating. Thereafter, the precipitated layer is anodically eroded by use of a suitable electrolyte solution upon pole-reversal of the DC voltage. The current efficiency is then calculated.

IPC 1-7

C25D 21/12

IPC 8 full level

G01N 27/42 (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP US)

C25D 21/12 (2013.01 - EP US)

Cited by

DE102008061877B3; EP2495357A2

Designated contracting state (EPC)

BE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0045970 A1 19820217; **EP 0045970 B1 19850116**; CA 1166187 A 19840424; DE 3030664 A1 19820318; DE 3030664 C2 19821021; JP H021262 B2 19900110; JP S5754849 A 19820401; US 4595462 A 19860617

DOCDB simple family (application)

EP 81106263 A 19810811; CA 383649 A 19810811; DE 3030664 A 19800813; JP 12732081 A 19810813; US 28410081 A 19810716