

Title (en)
Electroforming cell with shielding device

Title (de)
Galvanische Abscheidungszone mit Leitblende

Title (fr)
Cellule d'électroformage avec écran déflecteur

Publication
EP 0799908 B1 19990818 (DE)

Application
EP 96105228 A 19960401

Priority
EP 96105228 A 19960401

Abstract (en)
[origin: EP0799908A1] The apparatus comprises a container for electrolyte and a container for anode material with an essentially plane outlet surface which is passable for metal ions of the anode material. The surface faces the surface of the carrier element (which takes the role of a cathode) to be coated. The apparatus also includes an insulating guide screen (90) with an opening (96). The screen is located between the anode and cathode surfaces, and in a definite manner shapes the electrical flow line distribution between these surfaces. A nozzle is provided for spraying electrolyte between the screen (90) and the carrier element. The screen is provided with a collar (98) in the form of a pipe section on the boundary of its opening (96). The outlet end of the nozzle is located close to the collar (98) outside the opening (96) for spraying electrolyte in the direction of the surface of the carrier element.

IPC 1-7
C25D 1/10

IPC 8 full level
C25D 1/10 (2006.01)

CPC (source: EP)
C25D 1/10 (2013.01)

Designated contracting state (EPC)
AT DE FR GB NL SE

DOCDB simple family (publication)
EP 0799908 A1 19971008; EP 0799908 B1 19990818; AT E183557 T1 19990915; DE 59602798 D1 19990923

DOCDB simple family (application)
EP 96105228 A 19960401; AT 96105228 T 19960401; DE 59602798 T 19960401