

Title (en)
A process and apparatus for desilvering a silver-containing solution

Title (de)
Verfahren und Vorrichtung zur Entsilberung von Lösungen

Title (fr)
Procédé et dispositif pour la désargentation de solutions

Publication
EP 0754781 A1 19970122 (EN)

Application
EP 95201954 A 19950715

Priority
EP 95201954 A 19950715

Abstract (en)
An apparatus for desilvering silver-containing solutions comprises an electrolytic cell (10) having an anode (20), a cathode (30) and a reference electrode (45) positioned adjacent the cathode (30), and electrical power supply control means (41) for controlling the supply of electrical power to the anode (20) and the cathode (30). The power supply control means (41) includes means (60) for adjusting the cathode potential and control means (70) linked to said adjustment means (60) to reduce said cathode potential, at least periodically, as the desilvering process continues. The process leads to better silver adhesion on the cathode occurs, whilst maintaining good desilvering levels in the solution, and cathode poisoning is minimised. <IMAGE>

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C25C 1/20; **C25C 7/06**

IPC 8 full level
C25C 1/20 (2006.01); **C25C 7/06** (2006.01)

CPC (source: EP)
C25C 1/20 (2013.01); **C25C 7/06** (2013.01)

Citation (search report)
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• [A] US 4612102 A 19860916 - BRIMO RENE J [CA], et al
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