

Title (en)

PULSE REVERSE ELECTROLYSIS OF ACIDIC COPPER ELECTROPLATING SOLUTIONS

Title (de)

PULSUMKEHRELEKTROLYSE VON SAUREN KUPFERGALVANISIERUNGSLÖSUNGEN

Title (fr)

ELECTROLYSE A IMPULSIONS INVERSEES DE SOLUTIONS ACIDES DE GALVANOPLASTIE DU CUIVRE

Publication

**EP 1766106 A2 20070328 (EN)**

Application

**EP 05725574 A 20050315**

Priority

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- US 87679504 A 20040625

Abstract (en)

[origin: US2005284766A1] Pulse reverse electrolysis of acid copper solutions is used for applying copper to printing cylinders, especially gravure printing cylinders. The plating composition generally comprising copper ions, counter ions, chloride ions, a polyalkylene glycol, and a bath-soluble divalent sulfur compound. The benefits include an improved thickness distribution of the copper electrodeposited on the plated article, reduced metal waste, reduced plating times and increased production capacity.

IPC 8 full level

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CPC (source: EP US)

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