

Title (en)

AQUEOUS ACID BATH FOR THE GALVANIC DEPOSITION OF BRIGHTENING AND LEVELING COPPER COATINGS

Publication

EP 0297306 B1 19930120 (DE)

Application

EP 88108876 A 19880603

Priority

DE 3721985 A 19870630

Abstract (en)

[origin: EP0297306A1] An aqueous acidic bath for the electrodeposition of bright and level copper coatings contains at least one benzothiazonium compound of the general formula <IMAGE> in which R1 is C1-C5-alkyl, optionally substituted aryl or aralkyl, R2 is hydrogen, C1-C5-alkyl or C1-C5-alkoxy, R3 and R4 are each C1-C5-alkyl and X is an acid radical.

IPC 1-7

C25D 3/38

IPC 8 full level

C25D 3/38 (2006.01)

CPC (source: EP)

C25D 3/38 (2013.01)

Cited by

EP0440027A3; EP0536638A3; US5252196A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0297306 A1 19890104; EP 0297306 B1 19930120; AT 396946 B 19931227; AT A166488 A 19930515; DE 3721985 A1 19890112; DE 3877633 D1 19930304; ES 2045013 T3 19940116; JP H01100292 A 19890418

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