

Title (en)
Reverse pulse plating composition and method

Title (de)
Zusammensetzung und Methode zum Elektroplattieren mit Umkehrpulsstrom

Title (fr)
Composition et méthode pour placage électrolytique utilisant de courant pulsé inversé

Publication
EP 1475463 A3 20060412 (EN)

Application
EP 03258024 A 20031218

Priority
US 43597602 P 20021220

Abstract (en)
[origin: EP1475463A2] A composition and method for electroplating a metal on a substrate. The composition has a chloride to brightener concentration ratio of from 20:1 to 125:1. The method of electroplating, which employs the composition, employs pulse patterns that improve physical properties of metal surfaces.

IPC 8 full level
C25D 3/02 (2006.01); **C25D 3/38** (2006.01); **C25D 5/18** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP KR US)
C25D 3/02 (2013.01 - EP KR US); **C25D 3/38** (2013.01 - EP US); **C25D 5/18** (2013.01 - EP US)

Citation (search report)
• [X] WO 0044042 A1 20000727 - ATOTECH DEUTSCHLAND GMBH [DE], et al
• [XY] US 4975159 A 19901204 - DAHMS WOLFGANG [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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EP 03258024 A 20031218; CN 200310124974 A 20031219; DE 60336539 T 20031218; JP 2003423400 A 20031219; KR 20030093625 A 20031219; TW 92136071 A 20031219; US 29004005 A 20051130; US 74190803 A 20031219