

Title (en)  
BARREL PLATING OR HIGH-SPEED ROTARY PLATING USING A NEUTRAL TIN PLATING SOLUTION

Title (de)  
TROMMELPLATTIERUNG ODER HOCHGESCHWINDIGKEITSDREHPLATTIERUNG MIT EINER NEUTRALEN ZINNPLATTIERUNGSLÖSUNG

Title (fr)  
PLACAGE AU TONNEAU OU PLACAGE ROTATIF À GRANDE VITESSE UTILISANT UNE SOLUTION DE PLACAGE D'ÉTAIN NEUTRE

Publication  
**EP 3321396 B1 20210707 (EN)**

Application  
**EP 17200630 A 20171108**

Priority  
JP 2016220435 A 20161111

Abstract (en)  
[origin: EP3321396A1] A barrel plating or high-speed rotary plating method for electronic components, and a neutral tin plating solution used therein. A plating solution that includes (A) stannous ions, (B) an acid or a salt, (C) a complexing agent, and (D) a diamine that has a polyoxyalkylene chain, and that has a pH in a range between 4 and 8 is used. The use of this neutral tin plating solution prevents the electronic components from coupling together during the barrel plating, enabling an improvement in manufacturability in barrel plating.

IPC 8 full level  
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CPC (source: CN EP KR US)  
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