

Title (en)  
PROCESS FOR REMOVING TARNISH FROM TARNISHED SILVERWARE

Title (de)  
VERFAHREN ZUM ENTFERNEN DES BESCHLAGS VON ANGELAUFENEM SILBER

Title (fr)  
PROCEDE ANTI-TERNISSANT POUR L'ARGENTERIE TERNIE

Publication  
**EP 0981598 A1 20000301 (EN)**

Application  
**EP 98921088 A 19980513**

Priority  
• GB 9709575 A 19970513  
• US 9809520 W 19980513

Abstract (en)  
[origin: GB2325243A] A process for removing tarnish from tarnished silverware comprising contacting the tarnish silverware with an anti-tarnish composition in an automatic dishwasher. The anti-tarnish composition comprises an alkaline electrolyte and a metal additive which has a more negative standard redox potential than silver, measured relative to a standard hydrogen electrode at 25°C. The metal additive may be aluminium, manganese, magnesium, iron or zinc; and the alkaline electrolyte may be an alkali metal or alkaline earth metal hydroxide, carbonate or bicarbonate, eg sodium hydroxide. In addition builder compounds and nonionic surfactants may be present.

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**C11D 3/12**; **C11D 3/02**

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