

Title (en)  
DETERGENT COMPOSITIONS CONTAINING SILVER ANTI-TARNISHING AGENTS

Title (de)  
WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND MITTEL ZUR VERHINDERUNG DES ANLAUFENS VON SILBER

Title (fr)  
COMPOSITIONS DETERGENTES CONTENANT DES AGENTS EMPECHANT LE TERNISSEMENT DE L'ARGENT

Publication  
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Application  
**EP 94928878 A 19941007**

Priority  
• EP 9403322 W 19941007  
• US 13662993 A 19931014  
• US 13678793 A 19931014  
• US 13679193 A 19931014  
• US 30145994 A 19940907  
• US 30228494 A 19940908

Abstract (en)  
[origin: WO9510588A1] A bleaching detergent composition which prevents or inhibits tarnishing of silver comprises: (a) a bleaching agent selected from a peroxygen or peroxygen-yielding compound, a hypohalite or hypohalite-yielding compound, or a salt thereof, or mixtures thereof; (b) an anti-tarnishing agent selected from: (i) a purine class compound; (ii) cyanuric acid or isocyanuric acid or a salt thereof; (iii) a 1,3-N azole compound; (iv) a mixture of any of the above compounds (i), (ii) or (iii); (c) optionally a builder; (d) optionally, a surfactant; wherein the composition exhibits a pH value in the range from 7 to 13, and wherein the anti-tarnishing agent has a pKa value below the pH value of an aqueous solution of the composition.

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Citation (examination)  
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