

Title (en)  
Stable bleaching compositions

Title (de)  
Stabile Bleichmittelzusammensetzungen

Title (fr)  
Compositions de blanchiment stables

Publication  
**EP 0990696 A1 20000405 (EN)**

Application  
**EP 98204346 A 19981219**

Priority  
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Abstract (en)  
The present invention relates to liquid compositions comprising a hypohalite bleach and more than 1.5% of a surfactant mixture wherein said surfactant mixture comprises an alkyl alkoxylated sulfate surfactant and an alkyl sulfate surfactant. These compositions exhibit excellent stain removal performance while delivering excellent chemical stability upon ageing of the compositions.

IPC 1-7  
**C11D 3/395**; **C11D 1/37**

IPC 8 full level  
**D06L 3/08** (2006.01); **C11D 1/14** (2006.01); **C11D 1/29** (2006.01); **C11D 1/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 17/08** (2006.01); **D06L 4/75** (2017.01)

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Citation (search report)  
• [XA] EP 0867501 A1 19980930 - PROCTER & GAMBLE [US]  
• [XA] EP 0144166 A2 19850612 - PROCTER & GAMBLE [US], et al  
• [XA] US 5773402 A 19980630 - D ORAZIO ANNA LUCIA [IT]  
• [X] WO 9508611 A1 19950330 - PROCTER & GAMBLE [US], et al  
• [XA] US 5279758 A 19940118 - CHOY CLEMENT K [US]  
• [XA] EP 0340371 A2 19891108 - HENKEL IBERICA [ES]  
• [A] US 4588514 A 19860513 - JONES FRANK [DE], et al  
• [A] US 3560389 A 19710202 - HUNTING ANTHONY L L  
• [XA] DATABASE WPI Section Ch Week 9407, Derwent World Patents Index; Class A97, AN 94-054139, XP002093633

Cited by  
EP2904085A4; EP3456809A1

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