

Title (en)  
Bleach compositions.

Title (de)  
Bleichmittelzusammensetzungen.

Title (fr)  
Compositions de blanchiment.

Publication  
**EP 0636689 A2 19950201 (EN)**

Application  
**EP 94305450 A 19940722**

Priority  
GB 9315761 A 19930730

Abstract (en)  
A bleach composition comprises an active halogen or a peroxy bleach material, preferably hypochlorite; surfactant constituted by at least 50% w/w primary alkyl sulphate; and polymeric thickener comprising charged, hydrophilic monomer and uncharged hydrophobic monomer. The polymeric thickener preferably comprises a copolymer of methacrylic acid and styrene having proportions (wt%) of methacrylic acid and styrene ranging from 80:20 to 20:80, and preferably comprises 54 wt% methacrylic acid and 46% styrene, with a molecular weight of about 100,00 and substantially no cross-linking. The polymeric thickener acts to enhance thickening and enables use of a wider range of surfactants than hitherto possible. <IMAGE>

IPC 1-7  
**C11D 3/39**; **C11D 3/395**; **C11D 3/37**; **C11D 1/14**

IPC 8 full level  
**C11D 1/14** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01)

CPC (source: EP)  
**C11D 1/146** (2013.01); **C11D 3/3765** (2013.01); **C11D 3/3947** (2013.01); **C11D 3/3956** (2013.01)

Citation (examination)  
• EP 0373864 A2 19900620 - PROCTER & GAMBLE [US]  
• US 3985668 A 19761012 - HARTMAN WILLIAM LAW

Cited by  
EP0824146A1; EP0824145A1; EP0824147A1; US6844305B1; US6187221B1

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