

Title (en)  
Bleaching compositions.

Title (de)  
Bleichmittelzusammensetzungen.

Title (fr)  
Compositions de blanchiment.

Publication  
**EP 0110544 A1 19840613 (EN)**

Application  
**EP 83306440 A 19831024**

Priority  
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Abstract (en)  
Thickened bleach compositions are described which comprise water, an alkali metal hypochlorite and an organic thickening agent consisting of a single component which is either a straight chain amine oxide having at least 14 carbon atoms in the straight chain or a mixture containing only straight chain amine oxides, at least one of which has at least 14 carbon atoms in the straight chain.

IPC 1-7  
**C11D 3/395**; **C11D 1/75**

IPC 8 full level  
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Citation (search report)  
• [Y] DE 2837880 A1 19790315 - ICI LTD  
• [YP] EP 0079697 A1 19830525 - PROCTER & GAMBLE [US], et al  
• [AD] GB 1466560 A 19770309 - JEYES GROUP LTD

Cited by  
US5705467A; US5034150A; US4800036A; US5279758A; US4946619A; FR2570713A1; EP0274885A1; AU605531B2; US5462689A; US5916859A; EP0335584A3; EP0137551A1; US4588514A; AU616951B2; US9637708B2; US10220421B2

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**EP 83306440 A 19831024**; AU 2080483 A 19831028; DK 500783 A 19831101; JP 20682383 A 19831102; NO 833979 A 19831101; NZ 20609283 A 19831028