

Title (en)
Bleaching compositions

Title (de)
Bleichmittelzusammensetzungen

Title (fr)
Compositions de blanchiment

Publication
EP 0824146 A1 19980218 (EN)

Application
EP 97870040 A 19970327

Priority
• EP 97870040 A 19970327
• EP 96870105 A 19960812

Abstract (en)
The present invention relates to hypohalite bleaching compositions comprising a pH buffering component and an ingredient having the ability to prevent the precipitation of the salts of said buffering component upon dilution of the composition in water. Fabric whiteness as well as fabric safety are improved.

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

IPC 8 full level
D06L 3/00 (2006.01); **C11D 3/37** (2006.01); **C11D 3/395** (2006.01); **C11D 7/06** (2006.01); **C11D 7/18** (2006.01); **C11D 7/22** (2006.01); **C11D 7/54** (2006.01); **D06L 3/06** (2006.01)

CPC (source: EP KR)
C11D 3/3757 (2013.01 - EP); **C11D 3/3784** (2013.01 - EP); **C11D 3/395** (2013.01 - KR); **C11D 3/3953** (2013.01 - EP); **C11D 3/3955** (2013.01 - EP); **C11D 3/3956** (2013.01 - EP)

Citation (search report)
• [A] US 5135675 A 19920804 - ELLIOTT DAVID L [US], et al
• [A] GB 2271119 A 19940406 - KAO CORP [JP]
• [A] EP 0442191 A1 19910821 - ROHM & HAAS [US]
• [A] EP 0668345 A1 19950823 - PROCTER & GAMBLE [US]
• [DA] EP 0653483 A1 19950517 - PROCTER & GAMBLE [US]
• [A] EP 0606707 A1 19940720 - CLOROX CO [US]
• [A] EP 0636689 A2 19950201 - NAT STARCH CHEM CORP [GB], et al
• [A] EP 0429108 A2 19910529 - UNILEVER NV [NL], et al
• [A] DE 2501529 A1 19760722 - HOECHST AG

Cited by
WO0011128A1; EP1001010B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0824146 A1 19980218; **EP 0824146 B1 20030604**; AR 009049 A1 20000308; AU 3889697 A 19980306; BR 9714335 A 20000411; CA 2263452 A1 19980219; CN 1232493 A 19991020; CO 4810340 A1 19990630; CZ 48099 A3 19990714; IL 128489 A0 20000131; JP 2000500815 A 20000125; JP 3165159 B2 20010514; KR 20000029973 A 20000525; MA 24302 A1 19980401; NO 990645 D0 19990211; NO 990645 L 19990324; PE 27099 A1 19990318; PL 331603 A1 19990802; RU 2165453 C2 20010420; SK 19899 A3 20000214; TR 199900301 T2 19990521; WO 9806814 A1 19980219

DOCDB simple family (application)
EP 97870040 A 19970327; AR P970103643 A 19970811; AU 3889697 A 19970801; BR 9714335 A 19970801; CA 2263452 A 19970801; CN 97198497 A 19970801; CO 97045551 A 19970808; CZ 48099 A 19970801; IL 12848997 A 19970801; JP 50973198 A 19970801; KR 19997001219 A 19990212; MA 24763 A 19970811; NO 990645 A 19990211; PE 00069997 A 19970811; PL 33160397 A 19970801; RU 99105205 A 19970801; SK 19899 A 19970801; TR 9900301 T 19970801; US 9712857 W 19970801