

Title (en)
BLEACHING COMPOSITIONS COMPRISING PERACID PRECURSORS

Publication
EP 0267046 A3 19890531 (EN)

Application
EP 87309842 A 19871106

Priority
US 92806586 A 19861106

Abstract (en)
[origin: EP0267046A2] A bleaching composition characterised in that it comprises: (a) a peracid precursor corresponding to the following general formula: (I) $R-X-(CH_2)_n @-O-N-R<1>$ wherein R represents C1-C20 alkyl, alkoxy, or cycloalkyl; R<1> represents a group which contains at least one carbon atom which is singly bonded directly to N; n represents an integer of from 1 to 6; and X represents methylene or a heteroatom; or (II) $R-X-(CH_2)_n @-O-N=R<2>$, wherein n is as defined above; R<2> represents a group which contains a carbon atom doubly bonded directly to N, and, either X represents a heteroatom, R represents C4-C17 alkyl, or both; (b) a bleach-effective amount of a source of hydrogen peroxide; and, optionally, (c) an adjunct selected from surfactants, builders, fillers, enzymes, fluorescent whitening agents, pigments, dyes, fragrances, stabilizers and buffers is disclosed. Peracid precursors containing such oxynitrogen leaving groups provide new, proficient and cost-effective compounds for fabric bleaching. v

IPC 1-7
C11D 3/39

IPC 8 full level
C07D 209/48 (2006.01); **C07C 67/00** (2006.01); **C07C 239/00** (2006.01); **C07C 251/62** (2006.01); **C07D 207/46** (2006.01); **C07D 213/89** (2006.01); **C11D 3/39** (2006.01); **C11D 7/32** (2006.01); **C11D 7/54** (2006.01); **C11D 7/60** (2006.01); **D06L 3/02** (2006.01)

CPC (source: EP)
C11D 3/3917 (2013.01); **C11D 3/392** (2013.01)

Citation (search report)
• [X] FR 2013139 A1 19700327 - HENKEL & CIE GMBH
• [A] DE 1953919 A1 19710506 - HENKEL & CIE GMBH
• [A] FR 2087687 A5 19711231 - SOLVAY, et al
• [A] US 4021361 A 19770503 - LEE FUI-TSENG H

Cited by
US6410497B1; US6451753B2; US4957647A; EP1038946A3; US5328634A; US5380457A; EP0387049A3; WO9733964A1; WO9717420A1; US6258295B1; WO0017310A1; WO9807825A3; EP0447553B1

Designated contracting state (EPC)
BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0267046 A2 19880511; **EP 0267046 A3 19890531**; **EP 0267046 B1 19921230**; AR 244799 A1 19931130; AU 604263 B2 19901213; AU 8044987 A 19880512; CA 1340039 C 19980915; DE 3783330 D1 19930211; DE 3783330 T2 19930422; GR 3006724 T3 19930630; JP 2780774 B2 19980730; JP S63139999 A 19880611; MX 169023 B 19930617; TR 24653 A 19920108

DOCDB simple family (application)
EP 87309842 A 19871106; AR 30916187 A 19871029; AU 8044987 A 19871028; CA 551254 A 19871106; DE 3783330 T 19871106; GR 920402971 T 19921231; JP 27844487 A 19871105; MX 917787 A 19871106; TR 75887 A 19871106