



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification <sup>6</sup> : <b>C11D 3/39, 3/386</b></p>	<p><b>A3</b></p>	<p>(11) International Publication Number: <b>WO 99/21950</b></p> <p>(43) International Publication Date: 6 May 1999 (06.05.99)</p>
<p>(21) International Application Number: PCT/EP98/06990</p> <p>(22) International Filing Date: 26 October 1998 (26.10.98)</p> <p>(30) Priority Data: 08/959,862 29 October 1997 (29.10.97) US</p> <p>(71) Applicant (for AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW only): UNILEVER PLC [GB/GB]; Unilever, Blackfriars, London EC4P 4BQ (GB).</p> <p>(71) Applicant (for all designated States except AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW): UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).</p> <p>(72) Inventors: MADISON, Stephen, Alan; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). MCCALLUM, Jeremy, Elliot, Bongardt; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). ROJAS-WAHL, Roy, Uwe; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).</p>	<p>(74) Agent: ELLIOTT, Peter, William; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).</p> <p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 5 August 1999 (05.08.99)</p>	
<p>(54) Title: PEROXYNITRITE BASED BLEACHING SYSTEMS</p>		
<p>(57) Abstract</p>		
<p>Bleaching compositions and methods are provided using peroxyxynitrite as an active bleaching substance. Stains and soil can be removed from fabrics, household hard surfaces, dentures and other substrates.</p>		

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# INTERNATIONAL SEARCH REPORT

national Application No  
PCT/EP 98/06990

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 6 C11D3/39 C11D3/386				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) IPC 6 C11D D06L				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	WO 96 20736 A (ALLERGAN INC) 11 July 1996 see page 16, line 11 - line 17 ---	1-15		
A	US 3 795 482 A (YELIN R ET AL) 5 March 1974 see column 2, line 42 - line 52 see claim 1 ---	1		
A	AL-AJLOUNI A. M., GOULD E. S.: "Oxidations with Peroxynitrite" INORG. CHEM. 1996, vol. 35, no. 26, 18 December 1996, pages 7892-7896, XP002099045 cited in the application -----	1		
<input type="checkbox"/> Further documents are listed in the continuation of box C. <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Patent family members are listed in annex.</span>				
° Special categories of cited documents :				
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Date of the actual completion of the international search	Date of mailing of the international search report			
7 April 1999	29/04/1999			
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No  
PCT/EP 98/06990

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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