



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

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>C11D 1/62, 3/43 // C11D 3/50, 3/20</b>	<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 98/08924</b> <b>(43) International Publication Date:</b> 5 March 1998 (05.03.98)
<b>(21) International Application Number:</b> PCT/US97/15122 <b>(22) International Filing Date:</b> 28 August 1997 (28.08.97) <b>(30) Priority Data:</b> 60/024,896                      30 August 1996 (30.08.96)                      US <b>(71) Applicant (for all designated States except US):</b> THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> WAHL, Errol, Hoffman [US/US]; 8021 Deersshadow Lane, Cincinnati, OH 45242 (US). TRINH, Toan [US/US]; 8671 Creekwood Lane, Maineville, OH 45039 (US). DEMEYERE, Hugo, Jean-Marie [BE/BE]; Linthout Straat 59, B-1785 Merchtem (BE). DECLERQ, Marc, Johan [BE/BE]; Ringlaan 77, B-1853 Strombeek-Bever (BE). <b>(74) Agents:</b> REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).		<b>(81) Designated States:</b> BR, CA, CN, JP, MX, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>  <b>(88) Date of publication of the international search report:</b> 7 May 1998 (07.05.98)
<b>(54) Title:</b> CONCENTRATED PREMIX WITH REDUCED FLAMMABILITY FOR FORMING FABRIC SOFTENING COMPOSITION		
<b>(57) Abstract</b>		
<p>Biodegradable fabric softener premix compositions are described containing (1) biodegradable softener actives; optional low molecular weight solvent; (2) high boiling, water soluble solvent to lower the viscosity, while avoiding flammability; and (3) optional perfume. The premixes can be added at ambient temperatures to water containing acid, to provide a pH of from about 1.5 to about 5, to form finished compositions. The water can also contain calcium and/or magnesium salt to modify the viscosity. Compositions containing highly unsaturated softener actives have improved freeze/thaw properties.</p>		

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/15122

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 6 C11D1/62 C11D3/43 //C11D3/50,C11D3/20

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C11D

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 36 08 093 A (HENKEL KGAA) 17 September 1987 see example 2	1-4,9-11
A	see claims 1-6 ---	5-8
X	EP 0 644 179 A (STEPAN EUROP) 22 March 1995	1,5
A	see example 1 ---	2-4,6-8
X	US 5 525 245 A (GRANDMAIRE JEAN-PAUL ET AL) 11 June 1996	1
A	see claims 1-3,15-20 ---	2-11
X	US 5 474 690 A (WAHL ERROL H ET AL) 12 December 1995 see claims 25-33 ---	1
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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International Application No

PCT/US 97/15122

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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