



Europäisches Patentamt
European Patent Office
Office européen des brevets



Publication number: **0 373 691 A3**

EUROPEAN PATENT APPLICATION

Application number: **89203023.0**

Int. Cl.⁵: **C11D 3/39, C11D 3/37**

Date of filing: **28.11.89**

Priority: **16.12.88 US 285466**

Date of publication of application:
20.06.90 Bulletin 90/25

Designated Contracting States:
CH DE ES FR GB IT LI NL SE

Date of deferred publication of the search report:
15.05.91 Bulletin 91/20

Applicant: **UNILEVER NV**
Burgemeester s'Jacobplein 1 P.O. Box 760
NL-3000 DK Rotterdam(NL)
CH DE ES FR IT LI NL SE

Applicant: **UNILEVER PLC**
Unilever House Blackfriars P.O. Box 68
London EC4P 4BQ(GB)
GB

Inventor: **Foster, Jeffrey Norris**
101 Ridgeview
Danville Pennsylvania 17821(US)
Inventor: **Karpusiewicz, William Martin**
253 Floral Boulevard Floral Park
Nassau New York 11001(US)
Inventor: **Irwin, Charles Fraser**
15 Dalrymple Street
Randolph Morris New Jersey 07869(US)
Inventor: **Pham, Hien Thi**
808 Harvard Place Fort Lee
Bergen New Jersey 07024(US)
Inventor: **Aronson, Michael Paul**
2 Mandarine Lane West Nyack
Rockland New York 10994(US)

Representative: **Tan, Bian An, Ir. et al**
Unilever N.V. Patent Division P.O. Box 137
NL-3130 AC Vlaardingen(NL)

Stabilized granular bleach compositions.

Granular bleach compositions showing reduced tendency to detonate or decompose are provided which contain an organic peroxycarboxylic acid in intimate contact with a fully neutralized carboxylated polymer or a fully neutralized fatty acid. The granular bleach compositions are useful as bleach ingredients in detergent and cleaning compositions.

EP 0 373 691 A3



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 20 3023

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 189 687 (UNION GENERALE DE SAVONNERIE) * Page 2, lines 30-32; page 12, lines 26-27; page 13, lines 19-24; examples 4,5; page 20, claims 1-8 * - - - -	1-6,9	C 11 D 3/39 C 11 D 3/37
X	GB-A-2 129 457 (COLGATE-PALMOLIVE) * Whole document * - - - -	1	
Y	DE-A-3 423 452 (SANDOZ) * Whole document * - - - -	1-6,9	
Y	US-A-4 455 252 (K.B. WYLEGALA et al.) * Whole document * - - - -	1-6,9	
A	EP-A-0 063 017 (PROCTER & GAMBLE) * Claims * - - - -	1	
A	GB-A-1 387 167 (PROCTER & GAMBLE) * Claims * - - - -	8	
A	DE-A-3 636 904 (HENKEL) * Column 5, lines 2-13; claims * - - - - -	1-4,7	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 11 D
Place of search		Date of completion of search	Examiner
The Hague		21 February 91	GOLLER P.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
Y: particularly relevant if combined with another document of the same category		D: document cited in the application	
A: technological background		L: document cited for other reasons	
O: non-written disclosure		&: member of the same patent family, corresponding document	
P: intermediate document			
T: theory or principle underlying the invention			