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   AT
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- 84 Designated Contracting States: GB
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  LI NL
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® Date of deferred publication of search report: 21.07.82 Bulletin 82/29 A Representative: Brooks, Maxim Courtney et al, Procter & Gamble (NTC) Limited Whitley Road Longbenton, Newcastle-upon-Tyne NE12 9TS (GB)

- (54) Detergent compositions.
- Granular built detergent compositions containing specific mixtures of anionic surfactant, alkoxylated nonionic surfactant and water-soluble cationic surfactant. In highly preferred compositions, the anionic surfactant comprises a sulfate or sulfonate anionic surfactant or a mixture thereof with a fatty acid soap. Especially preferred compositions comprise a mixture of sulfonate and sulfate anionic surfactants. The compositions provide enhanced oil and grease removal from fabrics together with good clay soil detergency, whiteness maintenance and foam control characteristics under realistic multicycle wash conditions.

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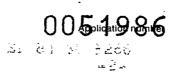
## **EUROPEAN SEARCH REPORT**

00**5.4.9.8.6.** 

	DOCUMENTS CONSIDERED TO BE RELEVANT	CLASSIFICATION OF THE APPLICATION (int. Ci. 3)	
Category	Citation of document with indication, where appropriate, of relevant pessages	Relevant to claim	
			C 11 D 1/86
Y	FR - A - 2 236 925 (COLGATE-PALM-		
	OLIVE)		
	* Page 5, lines 21-32; page 6, lines	1,2,	
	1-30; claims *	4-9	
	& CA - A - 1 048 709		
Y	FR - A - 2 388 882 (HOECHST)		
	* Page 3, lines 20-23, page 4, lines	1.2.	
	10-21; page 5, lines 8-22; claims *	4-9	
	CIAIMS		TECHNICAL FIELDS SEARCHED (Int.Cl. 3)
Ľ	DE - A - 2 911 585 (LION FAT & OIL)		C 11 1/86
	* Claims *	1	
	& US - A - 4 234 465		
	EP - A - 0 002 084 (PROCTER & GAM-		
	* Claims *	1	
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A.	EP - A - 0 008 829 (PROCTER & GAM-		
	BLE) * Claims *		CATEGORY OF CITED DOCUMENTS
	* Claims *	1	X· particularly relevant if
			taken alone Y: particularly relevant if combined with another
A	EP - A - 0 000 225 (PROCTER & GAM-		document of the same category
	BLE)		A: technological background O. non-written disclosure P. intermediate document
	* Claims *	1	T. theory or principle underlying the invention
			E: earlier patent document, but published on, or after the filing date
1	EP - A - 0 000 224 (PROCTER & GAM-		D: document cited in the application
-	BLE)		L: document cited for other reasons
	./.		&: member of the same patent
$\prec$	The present search report has been drawn up for all claims		family, corresponding document
Place of se	Sale of completion of the search	Examiner	
	e Hague 05-04-1982	GOLi	EA



## **EUROPEAN SEARCH REPORT**



	DOCUMENTS CONSIDERED TO BE RELEVANT	CLASSIFICATION OF TH APPLICATION (Int. Cl.º)	
tegory	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
*	Claims *	1	
	Controlled case time		
			TECHNICAL FIELDS SEARCHED (Int. Cl.3)
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