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EUROPEAN PATENT APPLICATION

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⑧④ Designated Contracting States: **BE CH DE FR IT LI NL**
AT

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⑧④ Designated Contracting States: **GB**

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⑤④ **Detergent compositions.**

⑤⑦ 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.

EP 0 051 986 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0051986
Application Number
EP 81 30 5200

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	FR - A - 2 236 925 (COLGATE-PALM-OLIVE) * Page 5, lines 21-32; page 6, lines 1-30; claims * & CA - A - 1 048 709 --	1,2, 4-9	C 11 D 1/86
Y	FR - A - 2 388 882 (HOECHST) * Page 3, lines 20-23, page 4, lines 10-21; page 5, lines 8-22; claims * --	1,2, 4-9	TECHNICAL FIELDS SEARCHED (Int.Cl. ³)
Y	DE - A - 2 911 585 (LION FAT & OIL) * Claims * & US - A - 4 234 465 --	1	C 11 1/86 C 11 10/00
A	EP - A - 0 002 084 (PROCTER & GAMBLE) * Claims * --	1	CATEGORY OF CITED DOCUMENTS
A	EP - A - 0 008 829 (PROCTER & GAMBLE) * Claims * --	1	X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons
DA	EP - A - 0 000 225 (PROCTER & GAMBLE) * Claims * --	1	&: member of the same patent family, corresponding document
A	EP - A - 0 000 224 (PROCTER & GAMBLE) ./.		
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
The Hague	05-04-1982	COLLER	



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