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⑤④ **Synthetic soap and method for the preparation thereof.**

⑤⑦ The invention related to a synthetic soap consisting of a mixture of at least a C₁₄-C₁₈ fatty acid, an alkali metal salt of an C₁₀-C₁₄ alkane sulphate and/or a mixture of C₁₃-C₁₆ alkane sulphonates. The mixture might also contain sodium cetyl stearyl sulphate and/or cetyl alcohol as well as a softening agent such as an alkylene glycol and/or glycerol. The invention also relates to a method for preparing a synthetic soap adding a mixture of a C₁₄-C₁₈ fatty acid, sodium cetyl stearyl sulphate, cetyl alcohol and optionally titanium dioxide to a mixture of a C₁₄-C₁₈ fatty acid and a softening agent at elevated temperature, followed by the addition of sodium lauryl sulphate and then a mixture of C₁₃-C₁₆ alkane sulphonates at elevated temperature, which is a temperature at which the mixture is in molten state, whereafter the mixture is poured into moulds and allowed to cool.



European Patent
Office

EUROPEAN SEARCH REPORT

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Application Number

EP 87 20 0486

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.4)
X	JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol. 59, no. 10, October 1982, pages 442-448, Champaign, Illinois, US; M. HOLLSTEIN et al.: "Manufacture and properties of synthetic toilet soaps" * Tables I,II,III; page 444, left-hand column *	1-6	C 11 D 1/14 C 11 D 17/00
X	GB-A-1 294 754 (UNILEVER) * Whole document *	1-3	
X	GB-A-2 145 109 (COLGATE-PALMOLIVE) * Example 1; claims *	1,3	
X	DE-A-2 737 739 (GAF CORP.) * Examples; claims *	1,2	
Y	CH-A- 307 605 (A. BLUMENTHAL) * Whole document *	7	
Y	US-A-3 903 008 (E.M. DEWEEVER) * Examples; claims *	7	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-A-1 938 144 (CHEVRON) * Example 8 *	6	C 11 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-12-1987	Examiner GOLLER P.
CATEGORY OF CITED DOCUMENTS			
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			
I : 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			
& : member of the same patent family, corresponding document			