

Title (en)  
LOW SUDSING DETERGENT COMPOSITIONS

Publication  
**EP 0021830 B1 19830615 (EN)**

Application  
**EP 80302130 A 19800625**

Priority  
GB 7922438 A 19790627

Abstract (en)  
[origin: EP0021830A1] Low sudsing detergent compositions are manufactured by the use of anionic detergent active sulphate compounds selected according to their calcium salt solubility product and their critical micelle concentration, and by the use of a non-soap anti-foam compound. Preferred anionic sulphates are the primary and secondary alkyl sulphates having particular carbon chain length distributions, and a preferred non-soap anti-foam is an alkyl phosphate ester, desirably used in conjunction with a hydrophobic wax or oil.

IPC 1-7  
**C11D 1/02; C11D 1/78**

IPC 8 full level  
**C11D 1/12** (2006.01); **C11D 1/02** (2006.01); **C11D 1/14** (2006.01); **C11D 1/34** (2006.01); **C11D 1/78** (2006.01); **C11D 3/00** (2006.01)

CPC (source: EP)  
**C11D 1/146** (2013.01); **C11D 1/345** (2013.01); **C11D 3/0026** (2013.01)

Citation (examination)  
Chemische Technologie Bd. 4, pp. 449-450

Cited by  
EP0087233A1; EP0045208A1; WO9424241A1; WO9505447A1; WO9424242A1; WO9424239A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0021830 A1 19810107; EP 0021830 B1 19830615**; AT E3779 T1 19830615; DE 3063761 D1 19830721; JP H031359 B2 19910110; JP S5611996 A 19810205; MY 8600602 A 19861231; ZA 803843 B 19820127

DOCDB simple family (application)  
**EP 80302130 A 19800625**; AT 80302130 T 19800625; DE 3063761 T 19800625; JP 8722380 A 19800626; MY 8600602 A 19861230; ZA 803843 A 19800626