

Title (en)  
CONTROLLED-SUDSING DETERGENT COMPOSITIONS

Publication  
**EP 0054436 B2 19890125 (EN)**

Application  
**EP 81305889 A 19811215**

Priority  
GB 8040446 A 19801217

Abstract (en)  
[origin: EP0054436A1] Low sudsing washing powder containing a suds-controller in the form of an alkyl phosphoric acid or salt has improved foaming properties if the carbon chain length of the alkyl benzene sulphonate is carefully selected. The carbon chain length should be such that the proportion of alkyl groups having 14 or more carbon atoms is less than 15, preferably less than 5% by weight. The mean molecular weight preferably is from 235 to 245.

IPC 1-7  
**C11D 3/065**; **C11D 1/12**; **C11D 3/00**

IPC 8 full level  
**C11D 1/12** (2006.01); **C11D 1/22** (2006.01); **C11D 1/34** (2006.01); **C11D 1/37** (2006.01); **C11D 3/00** (2006.01); **C11D 3/065** (2006.01); **C11D 3/18** (2006.01); **C11D 3/36** (2006.01)

CPC (source: EP)  
**C11D 1/22** (2013.01); **C11D 3/0026** (2013.01); **C11D 3/362** (2013.01)

Cited by  
EP0079105A1; EP0094250A1; EP0426404A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0054436 A1 19820623**; **EP 0054436 B1 19840613**; **EP 0054436 B2 19890125**; AR 225124 A1 19820215; AT E7928 T1 19840615; AU 549669 B2 19860206; AU 7856281 A 19820624; BR 8108146 A 19820928; CA 1163522 A 19840313; DE 3164235 D1 19840719; DK 558981 A 19820618; FI 67400 B 19841130; FI 67400 C 19850311; FI 813990 L 19820618; JP S57125299 A 19820804; JP S6110515 B2 19860329; NO 814304 L 19820618; NZ 199235 A 19850228; ZA 818696 B 19830727

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**EP 81305889 A 19811215**; AR 28780881 A 19811215; AT 81305889 T 19811215; AU 7856281 A 19811216; BR 8108146 A 19811215; CA 392278 A 19811215; DE 3164235 T 19811215; DK 558981 A 19811216; FI 813990 A 19811211; JP 20330081 A 19811216; NO 814304 A 19811216; NZ 19923581 A 19811210; ZA 818696 A 19811215