

Title (en)  
LIQUID DETERGENT COMPOSITIONS CONTAINING BINARY ANIONIC SURFACTANT SYSTEM

Publication  
**EP 0223306 B1 19920401 (EN)**

Application  
**EP 86202001 A 19861114**

Priority  
GB 8528521 A 19851120

Abstract (en)  
[origin: EP0223306A2] Homogeneous concentrated liquid detergent compositions are disclosed, containing a binary anionic surfactant system. The binary anionic surfactant system is represented by a mixture, in well-defined ratios, of an alk(en)yl succinate and a specific class of sulfonated surface-active agents with a critical micellar concentration in the range of from  $10^{-5}$  to  $10^{-3}$  mole/l.

IPC 1-7  
**C11D 1/08**; **C11D 1/37**

IPC 8 full level  
**C11D 1/08** (2006.01); **C11D 1/12** (2006.01); **C11D 1/37** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)  
**C11D 1/08** (2013.01); **C11D 1/37** (2013.01); **C11D 1/123** (2013.01)

Cited by  
US4985177A; GB2245000A; GB2245000B; US6693065B2; EP0430330A3; TR25074A

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

DOCDB simple family (publication)  
**EP 0223306 A2 19870527**; **EP 0223306 A3 19890503**; **EP 0223306 B1 19920401**; AT E74377 T1 19920415; CA 1334571 C 19950228; DE 3684668 D1 19920507; GB 8528521 D0 19851224; JP H0739591 B2 19950501; JP S62195096 A 19870827

DOCDB simple family (application)  
**EP 86202001 A 19861114**; AT 86202001 T 19861114; CA 523227 A 19861118; DE 3684668 T 19861114; GB 8528521 A 19851120; JP 27777686 A 19861120