

Title (en)  
BUILT LIQUID DETERGENT COMPOSITIONS CONTAINING TERNARY ACTIVE SYSTEMS

Publication  
**EP 0068520 B1 19861203 (EN)**

Application  
**EP 82200416 A 19820402**

Priority  
US 25165081 A 19810406

Abstract (en)  
[origin: EP0068520A2] Stable liquid detergent compositions containing non-ionic, amine oxide and alcohol polyethoxylate sulfate surfactants and a water-soluble detergency builder are disclosed. The compositions are single phase isotropic liquids which exhibit improved freezethaw stability. The polyethoxylate sulfate surfactant enhances detergency performance on textiles that have been softened with a conventional cationic fabric softener.

IPC 1-7  
**C11D 17/00**; **C11D 1/83**; **C11D 1/75**

IPC 8 full level  
**C11D 1/75** (2006.01); **C11D 1/83** (2006.01); **C11D 17/00** (2006.01); **C11D 1/29** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)  
**C11D 1/75** (2013.01); **C11D 1/83** (2013.01); **C11D 1/29** (2013.01); **C11D 1/72** (2013.01)

Cited by  
GB2245000B; GB2375356A; US5952285A; EP0094119A1; EP0452106A3; TR27723A; WO9929828A1; US10947480B2; US11572529B2

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

DOCDB simple family (publication)  
**EP 0068520 A2 19830105**; **EP 0068520 A3 19830921**; **EP 0068520 B1 19861203**; AT E24016 T1 19861215; DE 3274558 D1 19870115; GR 76044 B 19840803; IE 52472 B1 19871111; IE 820813 L 19821006

DOCDB simple family (application)  
**EP 82200416 A 19820402**; AT 82200416 T 19820402; DE 3274558 T 19820402; GR 820167783 A 19820402; IE 81382 A 19820406