

Title (en)
DETERGENT COMPOSITION

Publication
EP 0322946 A3 19900905 (EN)

Application
EP 88202799 A 19881207

Priority
GB 8730205 A 19871224

Abstract (en)
[origin: EP0322946A2] A remarkably stable alkaline built liquid detergent composition is provided, containing in an aqueous medium: a) 0 to 25% by weight of nonionic detergent active; b) 5 to 40% by weight of alkaline agent; c) 0.1 to 2% by weight of structuring polymeric agent; and d) 2.5 to 20% by weight of a copolymer of acrylic acid and maleic acid, the composition containing not more than 15% by weight of phosphate detergency builder. Preferably, the copolymer has a molecular weight of at least 5,000.

IPC 1-7
C11D 3/37

IPC 8 full level
C11D 3/37 (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 3/3765 (2013.01); **C11D 17/0026** (2013.01)

Citation (search report)
• [X] US 4678596 A 19870707 - DUPRE JEAN [US], et al
• [A] US 4215004 A 19800729 - BORGERDING JAMES F [US], et al
• [AD] EP 0120533 A2 19841003 - UNILEVER NV [NL], et al
• [A] EP 0066915 A2 19821215 - PROCTER & GAMBLE [US], et al

Cited by
US5981457A; AU667660B2; US5273675A; US6114294A; EP0877002A3; US9102905B2; WO9627000A1; WO9105845A1; WO2014065852A1; EP1216293B1

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

DOCDB simple family (publication)
EP 0322946 A2 19890705; EP 0322946 A3 19900905; AU 2736388 A 19890629; FI 885898 A 19890625; GB 8730205 D0 19880203

DOCDB simple family (application)
EP 88202799 A 19881207; AU 2736388 A 19881220; FI 885898 A 19881221; GB 8730205 A 19871224