

Title (en)
DETERGENT COMPOSITION

Publication
EP 0342917 A3 19900912 (EN)

Application
EP 89304919 A 19890516

Priority
GB 8811672 A 19880517

Abstract (en)
[origin: EP0342917A2] A detergent composition for washing fabrics contains a surfactant system in which the major anionic surfactant is an alkyl sulphate of mixed alkyl chain length such that at least 10% by weight of the alkyl chains present in the alkyl sulphate are C12 chains, at least 20% by weight of said alkyl chains are C18 chains and the ratio of C12 alkyl chains to C18 alkyl chains is in the range 9:4 to 1:6. Preferably nonionic surfactant of low HLB value (i.e. less than 10.5) is also present.

IPC 1-7
C11D 1/02; **C11D 1/14**; **C11D 1/83**

IPC 8 full level
C11D 1/14 (2006.01); **C11D 1/37** (2006.01); **C11D 1/83** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP KR)
C11D 1/146 (2013.01 - EP); **C11D 1/37** (2013.01 - EP); **C11D 1/38** (2013.01 - KR); **C11D 1/83** (2013.01 - EP); **C11D 1/72** (2013.01 - EP)

Citation (search report)
• [A] US 3598747 A 19710810 - AXTELL WILLIAM R, et al
• [A] FR 1582765 A 19691010
• [A] DATABASE WPIL Week 7329, Derwent Publications Ltd., London, GB; AN 73-41306U & JP-B-48 023 643 (NIKS CO.) 16 July 1973

Cited by
EP0802957A4; US6060443A; EP0708633A4; US6008181A; US5490954A; EP0439316A3; DE19500644B4; US6093856A; DE4432365A1; US6015781A; US6133222A; US6046152A; US6087309A; US6166262A; US5824633A; US5399297A; US5668100A; US5597794A; US5397507A; US5298183A; US6242406B1; US6281181B1; WO9608550A1; WO9508616A1; WO9818889A3; WO9413770A1; US6228829B1; US9493725B2; US9493726B2; US6174849B1; US6326348B1; US6320080B2; US6335312B1; US6448213B1; WO9529981A1; WO9209676A1

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

DOCDB simple family (publication)
EP 0342917 A2 19891123; **EP 0342917 A3 19900912**; **EP 0342917 B1 20000322**; **EP 0342917 B2 20061025**; AU 3475889 A 19891123; AU 611292 B2 19910606; BR 8902281 A 19900109; CA 1335488 C 19950509; DE 68929184 D1 20000427; DE 68929184 T2 20000824; DE 68929184 T3 20070215; ES 2143454 T3 20000516; ES 2143454 T5 20070616; GB 8811672 D0 19880622; IN 168406 B 19910330; JP H0218498 A 19900122; JP H0813984 B2 19960214; KR 890017348 A 19891215; KR 960000198 B1 19960103; MY 105084 A 19940830; OA 09118 A 19911031; TR 23981 A 19910114; ZA 893682 B 19910130

DOCDB simple family (application)
EP 89304919 A 19890516; AU 3475889 A 19890512; BR 8902281 A 19890516; CA 599456 A 19890511; DE 68929184 T 19890516; ES 89304919 T 19890516; GB 8811672 A 19880517; IN 130BO1989 A 19890516; JP 12267489 A 19890516; KR 890006516 A 19890516; MY PI19890656 A 19890516; OA 59577 A 19890516; TR 42189 A 19890517; ZA 893682 A 19890517