

Title (en)
USE OF ALKYL PHOSPHATES FOR THE STABILISATION OF THIXOTROPIC COMPOSITIONS

Publication
EP 0316152 B1 19930512 (EN)

Application
EP 88310546 A 19881109

Priority
GB 8726308 A 19871110

Abstract (en)
[origin: EP0316152A1] An aqueous thixotropic liquid cleaning composition comprising an alkali-metal builder and an alkali-metal silicate can be stabilised against phase separation during storage by the addition of an alkyl phosphate, phosphonate, sulphate or sulphonate.

IPC 1-7
C11D 1/12; **C11D 1/34**; **C11D 3/08**; **C11D 3/395**; **C11D 17/00**

IPC 8 full level
C11D 17/00 (2006.01); **C11D 1/34** (2006.01); **C11D 3/08** (2006.01); **C11D 3/36** (2006.01); **C11D 3/395** (2006.01)

CPC (source: EP)
C11D 1/342 (2013.01); **C11D 1/345** (2013.01); **C11D 3/3956** (2013.01)

Citation (examination)
• EP 0314061 A2 19890503 - COLGATE PALMOLIVE CO [US]
• EP 0295093 A1 19881214 - UNILEVER PLC [GB], et al

Cited by
TR28396A; US6180583B1; WO9410272A1; WO9903958A1

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

DOCDB simple family (publication)
EP 0316152 A1 19890517; **EP 0316152 B1 19930512**; AU 2498888 A 19890511; AU 616218 B2 19911024; BR 8807287 A 19900327; DE 3880967 D1 19930617; DE 3880967 T2 19930826; ES 2054827 T3 19940816; GB 8726308 D0 19871216; JP H02502025 A 19900705; JP H0757879 B2 19950621; WO 8904359 A1 19890518; ZA 888398 B 19900725

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EP 88310546 A 19881109; AU 2498888 A 19881110; BR 8807287 A 19881109; DE 3880967 T 19881109; ES 88310546 T 19881109; GB 8726308 A 19871110; GB 8800967 W 19881109; JP 50885388 A 19881109; ZA 888398 A 19881109