

Title (en)
Novel cleaning compositions.

Title (de)
Neue Reinigungszusammensetzungen.

Title (fr)
Nouvelles compositions de nettoyage.

Publication
EP 0598335 A3 19960110 (EN)

Application
EP 93118271 A 19931111

Priority
• GB 9223898 A 19921113
• GB 9225677 A 19921209

Abstract (en)
[origin: EP0598335A2] Aqueous based VI phases (ringing gels) are used as laundry pre-spotters, e.g. in stick applicators, and for a variety of cleaning applications. The compositions typically comprise a non-ionic surfactant having an HLB greater than 15, a surfactant having an HLB below 10 and water. <IMAGE>

IPC 1-7
C11D 17/00

IPC 8 full level
C11D 1/72 (2006.01); **C11D 1/825** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP KR)
A61Q 5/02 (2013.01 - KR); **A61Q 19/10** (2013.01 - KR); **C11D 1/66** (2013.01 - KR); **C11D 1/825** (2013.01 - EP); **C11D 3/386** (2013.01 - KR); **C11D 3/395** (2013.01 - KR); **C11D 17/0013** (2013.01 - EP); **C11D 17/0026** (2013.01 - EP); **C11D 17/0047** (2013.01 - KR); **C11D 17/006** (2013.01 - EP); **C11D 17/0065** (2013.01 - EP); **C11D 17/042** (2013.01 - KR); **C11D 1/72** (2013.01 - EP); **C11D 2111/12** (2024.01 - KR)

Citation (search report)
• [PX] EP 0530708 A2 19930310 - ALBRIGHT & WILSON [GB]
• [X] US 4026818 A 19770531 - CIAUDELLI JOSEPH P
• [X] DE 4108548 A1 19910725 - MUELLER BODO DR [DE]
• [X] US 4465663 A 19840814 - SCHMOLKA IRVING R [US]
• [X] EP 0077674 A2 19830427 - UNILEVER PLC [GB], et al
• [X] EP 0373851 A2 19900620 - UNILEVER PLC [GB], et al
• [A] EP 0153857 A2 19850904 - UNILEVER NV [NL]
• [A] EP 0418986 A2 19910327 - COLGATE PALMOLIVE CO [US]
• [A] EP 0414549 A2 19910227 - ALBRIGHT & WILSON [GB]
• [A] EP 0288858 A1 19881102 - HENKEL KGAA [DE]
• [A] EP 0100125 A2 19840208 - PROCTER & GAMBLE [US]
• [A] EP 0081908 A1 19830622 - UNILEVER PLC [GB], et al
• [A] EP 0043327 A1 19820106 - OREAL [FR]

Cited by
US8916512B2; EP2336290A1; EP0916722A3; US2013096047A1; FR2813189A1; EP1184031A3; US6555516B1; US6733765B2; WO2011082751A1; WO2012005868A1; WO03085190A3; US9719000B2; EP3747980A1; IT201900008358A1; EP3246476A1

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DOCDB simple family (application)
EP 93118271 A 19931111; AU 5067593 A 19931112; CN 93121326 A 19931113; JP 28500293 A 19931115; KR 930024144 A 19931113