

Title (en)
Liquid detergent composition

Title (de)
Flüssigwaschmittel

Title (fr)
Composition détergente liquide

Publication
EP 0601967 B1 19961009 (DE)

Application
EP 93810772 A 19931109

Priority
CH 352892 A 19921117

Abstract (en)
[origin: WO9411480A1] A liquid detergent composition comprising (a) from 0.01 % to 5 % of a polyvinylpyrrolidone; (b) from 0.01 % to 1 % of a specific cotton-substantive brightener having structural formula (1) wherein R1, R2, R3, R4 and R5 independently can be selected from a sulfonic acid radical, hydrogen C1-C4 alkyl, C1-C4 alkoxy, halogen, CN, phenoxy or benzyloxy, under the condition that only one substituent can be sulfonic acid.

IPC 1-7
C11D 3/42; **D06L 3/12**

IPC 8 full level
C11D 3/20 (2006.01); **C11D 3/00** (2006.01); **C11D 3/34** (2006.01); **C11D 3/37** (2006.01); **C11D 3/42** (2006.01); **C11D 17/08** (2006.01); **D06L 3/12** (2006.01); **D06L 4/621** (2017.01); **D06L 4/65** (2017.01); **D06L 4/657** (2017.01)

CPC (source: EP KR US)
C11D 3/0021 (2013.01 - EP US); **C11D 3/3776** (2013.01 - EP US); **C11D 3/395** (2013.01 - KR); **C11D 3/42** (2013.01 - EP KR US); **D06L 4/621** (2016.12 - EP US); **D06L 4/65** (2016.12 - EP US); **D06L 4/657** (2016.12 - EP US)

Cited by
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BE CH DE ES FR GB IT LI NL

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WO 9411480 A1 19940526; AU 5074193 A 19940602; AU 5609794 A 19940608; AU 664123 B2 19951102; BR 9304741 A 19940705; CA 2103097 A1 19940518; CH 684485 A5 19940930; DE 59304117 D1 19961114; DE 69309488 D1 19970507; DE 69309488 T2 19971106; EP 0601967 A1 19940615; EP 0601967 B1 19961009; EP 0672099 A1 19950920; EP 0672099 A4 19950803; EP 0672099 B1 19970402; ES 2092800 T3 19961201; JP H06200292 A 19940719; JP H08503509 A 19960416; KR 940011622 A 19940621; MX 9307033 A 19940630; TW 237475 B 19950101; US 5468884 A 19951121

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