

Title (en)  
WASHING ACTIVE PREPARATION

Title (de)  
WASCHAKTIVE ZUBEREITUNG

Title (fr)  
PREPARATION DETERGENTE

Publication  
**EP 1294843 A1 20030326 (DE)**

Application  
**EP 01947356 A 20010611**

Priority  
• DE 10029696 A 20000616  
• EP 0106581 W 20010611

Abstract (en)  
[origin: DE10029696A1] Washing composition comprises; (1) 0.01-50 wt.% water-soluble or -dispersible block copolymer of molecular weight over 1 kD, and (2) 50-99.99 wt.% anionic, cationic, zwitterionic or nonionic surfactant (I) of molecular weight below 1 kD. Washing composition comprises; (1) 0.01-50 wt.% water-soluble or -dispersible block copolymer of molecular weight over 1 kD, and (2) 50-99.99 wt.% anionic, cationic, zwitterionic or nonionic surfactant (I) of molecular weight below 1 kD. (A) is produced by: (i) reacting, under radical conditions, at least one radical-polymerizable monomer (M1) in presence of the radical of formula (III), and (ii) reacting the product of step (i), under similar conditions, with at least one radical-polymerizable homo- or co-monomer (M2). R1-R3 = hydrogen, methyl, or a radical-stabilizing and/or sterically bulky group (X), i.e. an optionally substituted, linear or branched alkyl of at least 2C, cycloalkyl, alcohol, (poly)ether, amine, aralkyl, optionally substituted aromatic, heterocyclic or olefinic hydrocarbyl, halo, optionally substituted, linear or branched alkenyl or alkynyl, COR5, COOR5, CR5R6OR7, OCOR5, CN, OCN, SCN, OC=NR5, SC=NR5, OCR5R6-CR7R8-NR9R10, NCO, C=NR5, CR5R6-halo, CSR5, CR5R6P(O)R7R8, CR5R6-PR7R8, CR5R6-NR7R8, CR5R6(OR7)(OR8), CR5R6(OR7)(NR8), CR5R6(NR7)(NR8), acid anhydride, acetal, ketal, SO2R5, amidino, NR5CSNR6, NR5SCS-OR6, NCS, nitro, C=NOH, NR5=NR6, P(R5)(R6)R7, OSi(R5)(R6)R7 or Si(R5)(R6)R7, or two R1 to R4 (sic) together form a 4-7 membered ring, optionally substituted or containing one or more heteroatoms, with the proviso that at least two of R1-R4 (sic) are X; R5-R10 = as R1. An Independent claim is also included for a method for preparing the composition.

IPC 1-7  
**C11D 3/37**

IPC 8 full level  
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