

Title (en)
CONCENTRATED LAUNDRY SOFTENING AGENTS

Publication
EP 0094655 B2 19900321 (DE)

Application
EP 83104774 A 19830514

Priority
DE 3218667 A 19820518

Abstract (en)
[origin: EP0094655A2] 1. A concentrated fabric softener composed of : a) 15 to 25% by weight of a compound of the formulae : see diagramm : EP0094655,P4,F5 see diagramm : EP0094655,P4,F7 see diagramm : EP0094655,P5,F1 wherein R1 denotes alkyl or alkenyl having 8-22, preferably 16-18, carbon atoms, R2 denotes alkyl having 1-4 carbon atoms, preferably methyl, R3 denotes methyl or hydrogen, x denotes a number from 1 to 5 and A denotes an anion, such as, for example, Cl⁻, Br⁻, CH₃OSO₃⁻ or (CH₃O)₂PO₂⁻, b) 0.05 to 35% by weight of a fatty amine polyglykol ether of the formula IV : see diagramm : EP0094655,P5,F3 wherein R1 denotes alkyl or alkenyl having 8-2, preferably 16-18, carbon atoms, x and y denote hydrogen or methyl, but x and y should not both be methyl, n1 and n2 together denote a whole number from 2 to 50, preferably 25, and p and m are both 0 or p is 1 and m is 1, 2 or, preferably, 3, c) 0.05 to 35% by weight of a compound of the formula V : see diagramm : EP0094655,P5,F6 wherein R1 denotes alkyl or alkenyl having 8-35, preferably 16-30, carbon atoms, x and y denote hydrogen or methyl, but x and y should not both be methyl, n denotes a whole number from 1 to 20, preferably 2 to 5, and m denotes a whole number from 0 to 1, preferably 1, of a polyethylene or polypropylene glycol having a molecular weight from 100 to 2,000, preferably 400, or their C1 -C4 -alkyl ethers or of a propylene oxid/ethylene oxide graft polymere having a parent polypropylene oxide molecule of molecular weight 1,500 to 2,500 and a content of ethylene oxide of 5 to 30% relative to the propylene oxide polymer, d) 3-20, preferably 5-10% by weight of a C1 -C3 -alcohol, e) an acid in equimolar amount of component b) and f) water and optionally other customary auxiliaries appropriate for balancing out to 100% by weight.

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Cited by
EP0364739A3; EP0275478A3; GB2357302A; US4820436A; EP0199383A3; US5908854A; EP0159919A3; GB2157730A; EP0569847A1; EP0159920A3; EP0159921A3; WO2018007199A1; WO8607603A1; WO9003423A1; WO9413772A1

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