

Title (en)
CONCENTRATED PREMIXES OF FABRIC-SOFTENING AGENTS

Publication
EP 0082456 A3 19841128 (DE)

Application
EP 82111555 A 19821213

Priority
DE 3150179 A 19811218

Abstract (en)
[origin: US4476030A] Concentrated masterbatches of fabric softeners consisting substantially of (a) from 20 to 70, weight % of one or more compounds of the formulae I to III, <IMAGE> (I) <IMAGE> (II) <IMAGE> (III) in which R1 is alkyl or alkenyl having from 8 to 22, carbon atoms, R2 is alkyl having from 1 to 4 carbon atoms, R3 is methyl or hydrogen, x is a number of from 1 to 5 and A is an anion (b) from 20 to 60, weight % of a paraffin, a fatty alcohol, a fatty acid, a fatty acid-C1-C13-alkyl ester, each having from 8 to 22, carbon atoms, a polyethyleneglycol having a molecular weight of from 200 to 600, an alkyl ester having from 8 to 22, carbon atoms of a polyethyleneglycol having a molecular weight of from 200 to 600 or a polypropyleneglycol having a molecular weight of from 200 to 1,000 or mixtures thereof, (c) from 5 to 25 weight % of an amino-oxethylate of the formula <IMAGE> (IV) in which R1 is alkyl or alkenyl having from 8 to 22, carbon atoms, x and y are hydrogen or methyl, with the proviso that x and y are not simultaneously methyl, n is an integer of from 2 to 40, preferably 10, p is a number of from zero to 1 and m is a number of from zero to 3, with the proviso that in case of p being 1 m is preferably 3, and water up to 100%.

IPC 1-7
C11D 1/62; D06M 13/46

IPC 8 full level
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Citation (search report)
• [A] EP 0023334 A1 19810204 - HOECHST AG [DE]
• [A] DE 3019076 A1 19801204 - UNILEVER NV
• [A] US 3154489 A 19641027 - DU BROW PAUL L, et al
• [A] EP 0022555 A1 19810121 - HOECHST AG [DE]

Cited by
EP0186967A1; GB2260771A; EP0374609A3; EP0163910A1; EP0730023A3; GB2295626A; GB2295626B; GB2157728A; US4622154A; GB2157730A; GB2139658A; EP0159196A3; GB2157729A; US4627925A; EP0164966A3; WO9734976A1; WO9506097A1; WO9616147A1; WO9734975A1; EP0122141B1; EP0437988B1

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