

Title (en)
FABRIC SOFTENER

Publication
EP 0022555 B1 19841121 (DE)

Application
EP 80103918 A 19800709

Priority
DE 2928141 A 19790712

Abstract (en)
[origin: EP0022555A1] 1. Fabric softeners in the form of an aqueous solution or dispersion which contain from 3 to 15 weight % of one or more compounds of the formulae I to IV see diagramm : EP0022550,P7,F1 in which R1 is alkyl or alkenyl having from 6 to 18 preferably 8 to 14 carbon atoms, R2 is alkyl having from 1 to 4 carbon atoms, preferably methyl, R3 is methyl or hydrogen, x and hydrogen or methyl with the proviso that x and y are not simultaneously methyl, n is a number of from 1 to 20, m is a number of from 1 to 15, and A is an anion ; from 3 to 15 weight % of a compound of the formula V see diagramm : EP0022550,P8,F2 in which R4 is alkyl having from 8 to 30 carbon atoms, and n, x, and y are as defined above ; and optionally from 3 to 4 weight % of a bactericidal quaternary ammonium compound, and further usual auxiliaries and additives with the proviso that these auxiliaries and additives do not constitute tensides.

IPC 1-7
D06M 13/46; **C11D 1/62**; **C11D 3/32**

IPC 8 full level
C11D 1/52 (2006.01); **C11D 1/62** (2006.01); **C11D 1/645** (2006.01); **C11D 3/32** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/402** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP)
C11D 1/526 (2013.01); **C11D 1/62** (2013.01); **C11D 1/645** (2013.01); **C11D 3/32** (2013.01)

Citation (examination)

- DE 2605502 A1 19770818 - EXQUISIT KOSMETIK GMBH
- CH 461426 A 19680831 - UNILEVER NV [NL]
- "Tenside, Textilhilfsmittel, Waschrohstoffe" K. LINDNER (1964) Seite 913

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US4627925A; US4497716A; EP0082456A3; US4622154A; US6780833B1; WO0136737A1

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 80103918 A 19800709; AR 28171680 A 19800710; AT 80103918 T 19800709; BR 8004320 A 19800711; CA 355973 A 19800711; DE 2928141 A 19790712; DE 3069660 T 19800709; JP 9335780 A 19800710