

Title (en)
READY-MADE TEXTILE SOFTENER CONCENTRATE

Publication
EP 0123999 A3 19870429 (DE)

Application
EP 84104257 A 19840414

Priority
DE 3314677 A 19830422

Abstract (en)
[origin: ES8502185A1] Aqueous, free-flowing concentrates containing a fabric-softening quaternary ammonium compound, an alkali metal soap or corresponding fatty acid, glycerol, and a water-soluble or water-miscible organic solvent. The soap or the corresponding fatty acid makes up from 1/70 to 1/3 of the quantity of fabric-softening quaternary ammonium compound, of which the concentrate contains at least 30% by weight.

IPC 1-7
C11D 10/04; **C11D 1/62**; **C11D 3/44**

IPC 8 full level
D06M 13/46 (2006.01); **C11D 1/62** (2006.01); **C11D 3/00** (2006.01); **C11D 3/44** (2006.01); **C11D 10/04** (2006.01); **D06M 13/02** (2006.01); **D06M 13/144** (2006.01); **D06M 13/184** (2006.01); **D06M 13/322** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01)

CPC (source: EP US)
C11D 1/62 (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **C11D 10/047** (2013.01 - EP US)

Citation (search report)
• [AD] FR 2204685 A1 19740524 - COLGATE PALMOLIVE CO [US]
• [A] DE 2639467 A1 19770324 - KAO CORP

Cited by
EP0280550A3; EP0404471A1; EP0240727A3; EP1280882B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0123999 A2 19841107; **EP 0123999 A3 19870429**; **EP 0123999 B1 19881117**; AT E38686 T1 19881215; CA 1220008 A 19870407; DE 3314677 A1 19841025; DE 3475208 D1 19881222; DK 162847 B 19911216; DK 162847 C 19920504; DK 65184 A 19841023; DK 65184 D0 19840214; ES 531776 A0 19841216; ES 8502185 A1 19841216; JP S59204978 A 19841120; US 4629574 A 19861216; ZA 842995 B 19841128

DOCDB simple family (application)
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