

Title (en)

Wash cycle or rinse cycle fabric conditioning compositions.

Title (de)

Wäscheweichmacherezusammensetzungen für Wasch- und Spülkreislauf.

Title (fr)

Compositions de conditionnement pour le linge utilisables dans le cycle de lavage ou dans le cycle de rinçage.

Publication

EP 0467485 A1 19920122 (EN)

Application

EP 91201908 A 19910719

Priority

US 55568390 A 19900720

Abstract (en)

Fabric conditioning aqueous liquid emulsions are provided which impart softness and antistatic properties to laundered fabrics as a wash-cycle additive for through-the-wash use or alternatively as a rinse cycle additive. The dispersed phase of the liquid emulsions comprise complexes of specified tertiary amines and multi-functional carboxylic acids in combination with unreacted amine and a minor amount of one or more specified alkyl cellulose ethers to enhance high temperature emulsion stability.

IPC 1-7

C11D 1/40; **C11D 1/65**; **C11D 3/00**; **C11D 3/22**

IPC 8 full level

C11D 1/40 (2006.01); **C11D 1/65** (2006.01); **C11D 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 1/08** (2006.01)

CPC (source: EP)

C11D 1/40 (2013.01); **C11D 1/65** (2013.01); **C11D 3/0015** (2013.01); **C11D 3/225** (2013.01); **C11D 1/08** (2013.01)

Citation (search report)

- [A] EP 0340872 A2 19891108 - COLGATE PALMOLIVE CO [US]
- [A] FR 2601390 A1 19880115 - COLGATE PALMOLIVE CO [US]
- [A] EP 0267657 A2 19880518 - PROCTER & GAMBLE [US]

Cited by

EP0514992A1; GR1001294B; AU2005236012B2; AU2005236012A8; AU2005236012B8; US7304026B2; US7381226B2; US7211556B2; WO2005103216A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0467485 A1 19920122; AU 649049 B2 19940512; AU 8030191 A 19920123; CA 2047468 A1 19920121; GR 1001127 B 19930428; GR 910100311 A 19920826; MX 9100305 A 19920228; NZ 238820 A 19940126; PT 98342 A 19920529; ZA 915125 B 19930331

DOCDB simple family (application)

EP 91201908 A 19910719; AU 8030191 A 19910709; CA 2047468 A 19910719; GR 910100311 A 19910716; MX 9100305 A 19910719; NZ 23882091 A 19910702; PT 9834291 A 19910717; ZA 915125 A 19910702