

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