

Title (en)

CONCENTRATED PREMIX WITH REDUCED FLAMMABILITY FOR FORMING FABRIC SOFTENING COMPOSITION

Title (de)

KONZENTRIERTE VORMISCHUNG MIT VERMINDERTER BRENNBARKEIT FÜR WEICHSPÜLMITTELZUSAMMENSETZUNG

Title (fr)

PREMELANGE CONCENTRE AVEC INFLAMMABILITE REDUITE POUR FORMER DES COMPOSITIONS D'ADOUCCISSANTS TEXTILES

Publication

EP 0923631 A2 19990623 (EN)

Application

EP 97938654 A 19970828

Priority

- US 9715122 W 19970828
- US 2489696 P 19960830

Abstract (en)

[origin: WO9808924A2] Biodegradable fabric softener premix compositions are described containing (1) biodegradable softener actives; optional low molecular weight solvent; (2) high boiling, water soluble solvent to lower the viscosity, while avoiding flammability; and (3) optional perfume. The premixes can be added at ambient temperatures to water containing acid, to provide a pH of from about 1.5 to about 5, to form finished compositions. The water can also contain calcium and/or magnesium salt to modify the viscosity. Compositions containing highly unsaturated softener actives have improved freeze/thaw properties.

IPC 1-7

C11D 1/62; C11D 3/43

IPC 8 full level

C11D 3/33 (2006.01); **C11D 1/62** (2006.01); **C11D 1/645** (2006.01); **C11D 3/00** (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01)

CPC (source: EP)

C11D 1/62 (2013.01); **C11D 1/645** (2013.01); **C11D 3/0015** (2013.01); **C11D 3/201** (2013.01); **C11D 3/43** (2013.01)

Citation (search report)

See references of WO 9808924A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9808924 A2 19980305; WO 9808924 A3 19980507; BR 9713466 A 20000328; CA 2264087 A1 19980305; CN 1251608 A 20000426; EP 0923631 A2 19990623; JP 2000501454 A 20000208

DOCDB simple family (application)

US 9715122 W 19970828; BR 9713466 A 19970828; CA 2264087 A 19970828; CN 97199086 A 19970828; EP 97938654 A 19970828; JP 51189398 A 19970828