

Title (en)
Stick pretreatment compositions

Title (de)
Vorbehandlungszusammensetzungen in Stickform

Title (fr)
Compositions de prétraitement en stick

Publication
EP 0786514 B1 20040714 (EN)

Application
EP 97200112 A 19970116

Priority

- US 59175096 A 19960125
- US 59179096 A 19960125

Abstract (en)
[origin: EP0786514A2] The present invention relates to pretreater or laundry additive compositions which removes stains and as a laundry additive, whiten fabrics. The compositions contain 0.1 to 20 wt. % of a nonionic surfactant, 0.1% to 10 wt. % of a hydrophobically modified polymer and less than about 5 wt. % of an anionic soap. Methods of using the composition are also described.

IPC 1-7
C11D 1/66; C11D 3/37; C11D 10/04; C11D 3/386; C08F 220/06; C08F 220/26

IPC 8 full level
C11D 3/37 (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)
C11D 3/3765 (2013.01 - EP); **C11D 3/3773** (2013.01 - EP); **C11D 10/045** (2013.01 - EP); **C11D 17/00** (2013.01 - EP US);
C11D 17/003 (2013.01 - EP); **C11D 1/72** (2013.01 - EP)

Cited by
KR100485941B1; EP0995791A1; DE19750385A1; DE102013106363B3; US6451756B2; US6861396B2; US10047322B2; WO0130955A1;
WO2006130442A1; WO2006130575A3; US6866888B2; US6750188B2; US7105153B2; US6447803B1; US8143209B2; US8859484B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0786514 A2 19970730; EP 0786514 A3 19990818; EP 0786514 B1 20040714; CA 2195510 A1 19970726; CA 2195510 C 20060829;
DE 69729815 D1 20040819; DE 69729815 T2 20041202; ES 2221012 T3 20041216

DOCDB simple family (application)
EP 97200112 A 19970116; CA 2195510 A 19970120; DE 69729815 T 19970116; ES 97200112 T 19970116