

Title (en)

Detergent compositions inhibiting dye transfer.

Title (de)

Die Farbstoffübertragung hemmende Waschmittelzusammensetzungen.

Title (fr)

Compositions détergentes empêchant le transfert de colorant.

Publication

EP 0635565 A1 19950125 (EN)

Application

EP 93870154 A 19930723

Priority

EP 93870154 A 19930723

Abstract (en)

The detergent compositions comprise a polymer selected from N-vinylimidazole N-vinylpyrrolidone copolymers characterized in that said polymer has an average molecular weight range from 5,000 to 50,000.

IPC 1-7

C11D 3/37

IPC 8 full level

C11D 1/16 (2006.01); **C08F 26/00** (2006.01); **C08F 26/10** (2006.01); **C08F 226/06** (2006.01); **C08F 226/10** (2006.01); **C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/16** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP)

C11D 3/0021 (2013.01); **C11D 3/1253** (2013.01); **C11D 3/168** (2013.01); **C11D 3/3776** (2013.01)

Citation (search report)

- [DX] DE 2814287 A1 19791011 - HENKEL KGAA
- [DA] WO 9204437 A1 19920319 - HENKEL KGAA [DE]
- [A] EP 0538228 A1 19930421 - PROCTER & GAMBLE [US]
- [A] EP 0522206 A1 19930113 - PROCTER & GAMBLE [US]
- [X] U.JÄGER, W.DENZINGER: "Wirkungsweise von Polymeren mit farbübertragungsinhibierenden Eigenschaften", TENSIDE, vol. 28, no. 6, 1991, MUNCHEN, DE, pages 428 - 433, XP000237159

Cited by

US5977046A; US5880081A; EP0800570A4; US5990269A; EP0786517A1; US6172027B1; WO2005044965A1; WO9637598A1; WO9914303A1; WO9914304A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0635565 A1 19950125; EP 0635565 B1 19971112; AT E160168 T1 19971115; AU 7314994 A 19950220; BR 9407095 A 19960820; CA 2167371 A1 19950202; CA 2167371 C 19991102; CN 1046955 C 19991201; CN 1130400 A 19960904; CZ 20396 A3 19960717; CZ 290758 B6 20021016; DE 69315207 D1 19971218; DE 69315207 T2 19980416; DK 0635565 T3 19971222; ES 2109471 T3 19980116; GR 3025724 T3 19980331; HU 217242 B 19991228; HU 9503867 D0 19960228; HU T73068 A 19960628; JP 3795067 B2 20060712; JP H09502744 A 19970318; WO 9503388 A1 19950202

DOCDB simple family (application)

EP 93870154 A 19930723; AT 93870154 T 19930723; AU 7314994 A 19940620; BR 9407095 A 19940620; CA 2167371 A 19940620; CN 94193285 A 19940620; CZ 20396 A 19940620; DE 69315207 T 19930723; DK 93870154 T 19930723; ES 93870154 T 19930723; GR 970403373 T 19971219; HU 9503867 A 19940620; JP 50514195 A 19940620; US 9406950 W 19940620