

Title (en)

GRAFT COPOLYMERS AS AUXILIARIES FOR DYEING AND PRINTING TEXTILES

Title (de)

PFROPFPOLYMERISATEN ALS HILFSMITTEL FÜR DIE TEXTILFÄRBEREI UND DEN TEXTILDRUCK

Title (fr)

COPOLYMERES GREFFES COMME AUXILIAIRES POUR LA TEINTURE ET L'IMPRESSION DES TEXTILES

Publication

**EP 1570123 A1 20050907 (DE)**

Application

**EP 03785689 A 20031128**

Priority

- DE 10256618 A 20021203
- DE 10261190 A 20021220
- DE 10321396 A 20030512
- EP 0313463 W 20031128

Abstract (en)

[origin: WO2004050982A1] The invention relates to the use of copolymers, which contain 2 polymerised monoethylenically unsaturated monomers B1 and B2, B1 and B2 comprising respectively at least one heterocyclic compound containing nitrogen, as auxiliaries for dyeing and printing textiles.

IPC 1-7

**D06P 1/52**; **D06P 1/60**; **D06P 1/08**; **D06P 5/13**

IPC 8 full level

**D06P 1/52** (2006.01); **D06P 1/60** (2006.01); **D06P 5/08** (2006.01); **D06P 5/13** (2006.01)

CPC (source: EP US)

**D06P 1/52** (2013.01 - EP US); **D06P 1/5242** (2013.01 - EP US); **D06P 1/60** (2013.01 - EP US); **D06P 5/08** (2013.01 - EP US); **D06P 5/137** (2013.01 - EP US)

Citation (search report)

See references of WO 2004050982A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004050982 A1 20040617**; AT E434076 T1 20090715; AU 2003294749 A1 20040623; BR 0316848 A 20051018; BR 0316848 B1 20130702; DE 50311617 D1 20090730; EP 1570123 A1 20050907; EP 1570123 B1 20090617; ES 2327114 T3 20091026; PT 1570123 E 20090723; US 2006116311 A1 20060601

DOCDB simple family (application)

**EP 0313463 W 20031128**; AT 03785689 T 20031128; AU 2003294749 A 20031128; BR 0316848 A 20031128; DE 50311617 T 20031128; EP 03785689 A 20031128; ES 03785689 T 20031128; PT 03785689 T 20031128; US 53726805 A 20050601