

Title (en)

Detergent composition and laundry treatment composition comprising dye transfer inhibiting and dye fixing agent

Title (de)

Waschmittel und Wäschebehandlungsmittel enthaltend farbübertragungsinhibierend Farbfixiermittel

Title (fr)

Composition détergente et composition de traitement du linge comprenant un agent inhibant le transfert des couleurs et fixant les couleurs

Publication

EP 1239025 A2 20020911 (DE)

Application

EP 02004065 A 20020223

Priority

- DE 10110337 A 20010303
- DE 10150723 A 20011013

Abstract (en)

[origin: JP2002363595A] PROBLEM TO BE SOLVED: To provide a novel detergent having an improved color migration- preventive effect. SOLUTION: The laundry detergent contains a color migration-preventive dye fixative obtained by (a) allowing an amine to react with epichlorohydrin or (b) allowing a cyanamide and an amine to react with formaldehyde.

Abstract (de)

In Waschmitteln, die nichtionische Tenside enthalten, werden folgende farbübertragungsinhibierenden Farbfixiermittel eingesetzt: Umsetzungsprodukte aus a) Aminen mit Epichlorhydrin oder, b) Cyanamid mit Aminen und Aldehyden.

IPC 1-7

C11D 3/37

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/24** (2006.01); **C11D 3/30** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/395** (2006.01); **D06L 1/12** (2006.01); **D06L 3/00** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP US)

C11D 3/0021 (2013.01 - EP US); **C11D 3/3723** (2013.01 - EP US)

Citation (applicant)

- US 6025322 A 20000215 - BOECKH DIETER [DE], et al
- WO 0100767 A1 20010104 - PROCTER & GAMBLE [US], et al
- WO 9829530 A2 19980709 - PROCTER & GAMBLE [US], et al
- US 4166845 A 19790904 - GRAND PAUL S [US], et al

Cited by

DE102004018051A1; US7541326B2; WO2006045482A1; WO2006027203A1; WO2007040746A1; US7585831B2; US7541327B2; US8840231B2; US7544652B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1239025 A2 20020911; **EP 1239025 A3 20030903**; JP 2002363595 A 20021218; US 2002193280 A1 20021219; US 7091167 B2 20060815

DOCDB simple family (application)

EP 02004065 A 20020223; JP 2002056353 A 20020301; US 8599702 A 20020228