

Title (en)

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

Title (de)

Waschmittel und Wäschebehandlungsmittel enthaltend farübertragungsinhibierend 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 A3 20030903 (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.

IPC 1-7

**C11D 3/37**

IPC 8 full level

**D06L 1/12** (2006.01); **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 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 (search report)

- [X] US 6025322 A 20000215 - BOECKH DIETER [DE], et al
- [X] WO 0100767 A1 20010104 - PROCTER & GAMBLE [US], et al
- [X] WO 9829530 A2 19980709 - PROCTER & GAMBLE [US], et al
- [X] WO 0056848 A1 20000928 - PROCTER & GAMBLE [US], et al
- [X] EP 0978556 A1 20000209 - PROCTER & GAMBLE [US]
- [X] US 4166845 A 19790904 - GRAND PAUL S [US], et al
- [PX] WO 0159054 A1 20010816 - PROCTER & GAMBLE [US], et al
- [X] EP 1020513 A2 20000719 - NAT STARCH CHEM INVEST [US]
- [X] EP 0979861 A1 20000216 - PROCTER & GAMBLE [US]
- [A] US 4634544 A 19870106 - WEBER RUDOLF [DE], et al
- [A] EP 0341205 A2 19891108 - SANDOZ AG [CH], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 142 (C - 1038) 23 March 1993 (1993-03-23)

Cited by

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

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DOCDB simple family (application)

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