

Title (en)

DETERGENT WITH DYE AND BRIGHTENER TRANSFER INHIBITING ADDITIVES

Publication

**EP 0203486 A3 19890208 (DE)**

Application

**EP 86106766 A 19860517**

Priority

DE 3519012 A 19850525

Abstract (en)

[origin: ES8800337A1] A detergent for washing mixtures of colored and white or light colored fabrics comprising a mixture of a monionic surfactant, a completely or partially water-soluble polyvinyl pyrrolidone polymeric constituent, a water-soluble cationic compound, a builder salt and other standard detergent ingredients. The detergent is substantially free of anionic-active compounds and strong electrolytes and is effective in preventing the transfer of dyes and optical brighteners between fabrics during washing.

IPC 1-7

**C11D 3/37**; **C11D 1/835**

IPC 8 full level

**C11D 1/62** (2006.01); **C11D 1/835** (2006.01); **C11D 3/00** (2006.01); **C11D 3/08** (2006.01); **C11D 3/26** (2006.01); **C11D 3/37** (2006.01); **C11D 3/382** (2006.01); **C11D 3/42** (2006.01); **C11D 3/60** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)

**C11D 1/835** (2013.01 - EP US); **C11D 3/0021** (2013.01 - EP US); **C11D 3/3776** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)

- [Y] DE 1114606 B 19611005 - WILLI MAURER K G
- [YD] DE 2916656 A1 19801106 - HENKEL KGAA
- [YD] FR 2144721 A1 19730216 - PROCTER GAMBLE EUROP
- [Y] FR 2263298 A1 19751003 - BASF AG [DE]

Cited by

EP0327927A3; EP0256696A1; US4999129A; WO9424249A1; WO9204437A1; WO9503390A1; WO9411482A1; EP1735419B1

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