

Title (en)

Detergent compositions inhibiting dye transfer in washing.

Title (de)

Waschmittelzusammensetzungen zur Vermeidung der Farbstoffübertragung.

Title (fr)

Détergents avec additifs pour éviter le transfert de colorant.

Publication

EP 0553607 A1 19930804 (EN)

Application

EP 92870018 A 19920131

Priority

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Abstract (en)

A dye transfer inhibiting composition is disclosed, comprising: a) an enzymatic system capable of generating hydrogen peroxide b) a metallo catalyst selected from i) metallo porphin and water-soluble or water-dispersable derivatives thereof; ii) metallo porphyrin and water-soluble or water-dispersable derivatives thereof; iii) metallo phthalocyanine and water-soluble or water-dispersable derivatives thereof; c) an enzyme oxidation scavenger i

IPC 1-7

C11D 3/00; C11D 3/386; C11D 3/39

IPC 8 full level

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Citation (search report)

- [AD] US 4077768 A 19780307 - JOHNSTON JAMES PYOTT, et al
- [A] EP 0369678 A2 19900523 - UNILEVER PLC [GB], et al
- [A] US 4261868 A 19810414 - HORA JIRI, et al
- [A] EP 0080223 A2 19830601 - UNILEVER NV [NL], et al
- [A] EP 0384503 B1 19950628 - UNILEVER NV [NL], et al
- [A] WO 9105839 A1 19910502 - NOVO NORDISK AS [DK], et al

Cited by

US5580485A; US5850086A; US6107528A; US6479450B1; US6667288B2; WO0029537A1; WO9742284A1; EP0747470A1; EP0753569A1; EP0753567A1; EP0709452A1; EP0628624A1

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