

Title (en)

Photobleach compositions and processes for making them.

Title (de)

Photobleiche-Zusammensetzungen und Verfahren zu ihrer Herstellung.

Title (fr)

Compositions pour le photoblanchiment et procédé de leur production.

Publication

EP 0379312 A1 19900725 (EN)

Application

EP 90300349 A 19900111

Priority

GB 8900807 A 19890114

Abstract (en)

A water-insoluble photobleach is substantially free of water-soluble photobleach. It may be made by reacting a water-soluble photobleach with a long chain quaternary nitrogen compound. Laundry detergents containing the photobleach have reduced tendency to stain washing.

IPC 1-7

C09B 47/32; C11D 3/395; D06L 3/04

IPC 8 full level

C11D 1/62 (2006.01); **C11D 3/00** (2006.01); **C11D 3/28** (2006.01); **D06L 3/04** (2006.01); **D06L 4/50** (2017.01)

CPC (source: EP)

C11D 1/62 (2013.01); **C11D 3/0063** (2013.01); **C11D 3/28** (2013.01); **D06L 4/50** (2016.12)

Citation (search report)

- [A] EP 0087833 A1 19830907 - UNILEVER NV [NL], et al
- [XD] US 2150741 A 19390314 - ALWYN HARRISON ARCHIBALD, et al
- [A] EP 0035470 A1 19810909 - CIBA GEIGY AG [CH]
- [A] EP 0054992 A1 19820630 - UNILEVER NV [NL], et al
- [AD] US 4166718 A 19790904 - HOLZLE GERD [CH], et al
- [A] DE 3410611 A1 19841004 - CIBA GEIGY AG [CH]

Cited by

US6136769A; WO9743394A3; WO9743393A3

Designated contracting state (EPC)

ES GB GR IT

DOCDB simple family (publication)

EP 0379312 A1 19900725; GB 8900807 D0 19890308

DOCDB simple family (application)

EP 90300349 A 19900111; GB 8900807 A 19890114